LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022361.D
Acq On : 27 Aug 2019 10:42
Operator : HP/JU
Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	10	16	42	rVB	1404807	2724259	1.28%	0.405%
2	3.487	73	85	89	rBV	17038871	42959463	20.26%	6.392%
3	3.898	134	155	159	rBV3	41610395	212087530	100.00%	31.558%
4	4.022	172	176	183	rVB	1905706	2378764	1.12%	0.354%
5	4.316	221	226	234	rVB	407348	520149	0.25%	0.077%
6	5.092	350	358	365	rBV	10325897	13540517	6.38%	2.015%
7	5.234	372	382	390	rVV	16975243	36271615	17.10%	5.397%
8	5.587	431	442	449	rVV2	18327767	42303955	19.95%	6.295%
9	6.392	573	579	589	rBV	172799	265350	0.13%	0.039%
10	6.622	613	618	624	rBV	707591	1045360	0.49%	0.156%
11	6.686	624	629	634	rBV	603771	843254	0.40%	0.125%
12	6.763	634	642	647	rBV	536383	866713	0.41%	0.129%
13	6.916	660	668	673	rBV3	321653	600185	0.28%	0.089%
14	6.963	673	676	687	rVV2	263095	443883	0.21%	0.066%
15	7.086	687	697	701	rVV3	200993	384757	0.18%	0.057%
16	7.192	708	715	723	rVB3	2584429	5450050	2.57%	0.811%
17	7.275	723	729	736	rBV2	636243	1018679	0.48%	0.152%
18	7.545	768	775	782	rBV	168086	273394	0.13%	0.041%
19	7.651	782	793	798	rVV2	2716666	5783591	2.73%	0.861%
20	7.722	798	805	811	rVB	473327	903113	0.43%	0.134%
21	7.898	829	835	844	rVB	522241	875815	0.41%	0.130%
22	8.033	844	858	861	rBV	3859605	7135379	3.36%	1.062%
23	8.122	861	873	877	rVV	24779005	66135378	31.18%	9.841%
24	8.163	877	880	886	rVB	435849	590117	0.28%	0.088%
25	8.269	892	898	904	rVB2	154370	248621	0.12%	0.037%
26	8.333	904	909	914	rVV	225002	413058	0.19%	0.061%
27	8.381	914	917	926	rVB	170764	304813	0.14%	0.045%
28	8.716	966	974	980	rVV2	264910	494340	0.23%	0.074%
29	8.792	980	987	995	rVB3	117722	257129	0.12%	0.038%
30	9.192	1049	1055	1062	rVB2	126014	227366	0.11%	0.034%
31	9.292	1062	1072	1078	rBV2	338769	666008	0.31%	0.099%
32	9.433	1088	1096	1105	rVB	192845	420620	0.20%	0.063%
33	9.745	1132	1149	1155	rBV2	1101465	2625709	1.24%	0.391%
34	9.816	1155	1161	1176	rVB	846482	2451109	1.16%	0.365%

LSC Area Percent Report

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Acq On : 27 Aug 2019 10:42
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Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

35	9.992	1184	1191	1193	rBV	259307	488821	0.23%	0.073%
36	10.469	1244	1272	1276	rVV3	28994748	148260351	69.91%	22.061%
37	10.527	1276	1282	1288	rVB	2462994	3488509	1.64%	0.519%
38	10.686	1304	1309	1321	rVB2	230661	384666	0.18%	0.057%
39	11.074	1343	1375	1381	rVV	799608	3486872	1.64%	0.519%
40	11.351	1410	1422	1426	rBV8	75023	226702	0.11%	0.034%
41	11.739	1484	1488	1494	rVB	243000	403050	0.19%	0.060%
42	11.880	1499	1512	1519	rVV5	120253	323862	0.15%	0.048%
43	11.998	1523	1532	1540	rVB	5056536	7516028	3.54%	1.118%
44	12.221	1558	1570	1575	rVV	3184836	4880928	2.30%	0.726%
45	12.298	1575	1583	1588	rVV2	320160	890726	0.42%	0.133%
46	12.368	1588	1595	1601	rVV	245375	491312	0.23%	0.073%
47	13.021	1701	1706	1712	rVB	751492	1117567	0.53%	0.166%
48	13.351	1756	1762	1771	rBV3	213623	545984	0.26%	0.081%
49	13.510	1782	1789	1794	rBV	348110	638934	0.30%	0.095%
50	13.563	1794	1798	1805	rBV	175365	251112	0.12%	0.037%
51	13.627	1805	1809	1821	rVB2	640448	1415464	0.67%	0.211%
52	13.745	1821	1829	1834	rBV4	248313	583959	0.28%	0.087%
53	13.898	1845	1855	1856	rBV	642315	1062209	0.50%	0.158%
54	13.927	1856	1860	1866	rVB	2352193	3259643	1.54%	0.485%
55	14.198	1897	1906	1911	rVV2	412412	717155	0.34%	0.107%
56	14.262	1911	1917	1925	rVV2	245873	446688	0.21%	0.066%
57	14.421	1938	1944	1951	rVB3	117594	221602	0.10%	0.033%
58	14.992	2033	2041	2045	rBV5	95959	237190	0.11%	0.035%
59	15.080	2052	2056	2062	rVB	172544	238589	0.11%	0.036%
60	15.204	2071	2077	2081	rBV	1020399	1366365	0.64%	0.203%
61	15.257	2081	2086	2097	rVB2	1009309	1607014	0.76%	0.239%
62	15.374	2097	2106	2111	rBV	313198	556187	0.26%	0.083%
63	15.674	2149	2157	2168	rVB	259719	443633	0.21%	0.066%
64	16.262	2250	2257	2262	rBV3	131164	291287	0.14%	0.043%
65	16.780	2337	2345	2349	rVV	225751	345437	0.16%	0.051%
66	16.827	2349	2353	2365	rVB	385385	613245	0.29%	0.091%
67	16.962	2370	2376	2379	rVV2	488111	708127	0.33%	0.105%
68	17.015	2379	2385	2389	rVV	5667696	6976573	3.29%	1.038%
69	17.068	2389	2394	2396	rVV	1026387	1449066	0.68%	0.216%
70	17.098	2396	2399	2404	rVV	951602	1248091	0.59%	0.186%
71	17.162	2406	2410	2419	rVV6	88290	216611	0.10%	0.032%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Title : SVOA CALIBRATION

72	17.386	2438	2448	2453	rBV	194218	334932	0.16%	0.050%
73	17.839	2519	2525	2530	rVV	394335	750475	0.35%	0.112%
74	17.886	2530	2533	2540	rVV	455163	644420	0.30%	0.096%
75	17.968	2541	2547	2552	rVB3	197584	306399	0.14%	0.046%
76	18.033	2552	2558	2562	rBV2	685883	1158762	0.55%	0.172%
77	18.068	2562	2564	2572	rVV	263907	337520	0.16%	0.050%
78	18.345	2606	2611	2617	rVB	291281	367730	0.17%	0.055%
79	18.762	2677	2682	2687	rBV2	216139	362212	0.17%	0.054%
80	19.039	2720	2729	2735	rBV	1792439	2381866	1.12%	0.354%
81	19.186	2750	2754	2760	rVB	480874	673543	0.32%	0.100%
82	19.374	2781	2786	2788	rBV	1191305	1662762	0.78%	0.247%
83	19.409	2788	2792	2795	rVV	2983395	3630301	1.71%	0.540%
84	19.439	2795	2797	2801	rVB	382348	396234	0.19%	0.059%
85	19.727	2842	2846	2854	rVB3	97226	225297	0.11%	0.034%
86	19.903	2872	2876	2881	rVB2	327108	456989	0.22%	0.068%
87	20.003	2889	2893	2898	rVB	244939	307377	0.14%	0.046%
88	20.062	2898	2903	2907	rBV	164782	225699	0.11%	0.034%
89	20.250	2930	2935	2943	rVB2	196988	347231	0.16%	0.052%
90	20.856	3035	3038	3042	rVV2	212601	320131	0.15%	0.048%
91	21.174	3085	3092	3096	rBV3	1025390	1967978	0.93%	0.293%
92	21.215	3096	3099	3109	rVB	486824	634787	0.30%	0.094%
93	22.721	3349	3355	3359	rBV	219196	485491	0.23%	0.072%
94	23.180	3428	3433	3436	rBV	197232	355844	0.17%	0.053%
95	23.232	3437	3442	3446	rVV	624536	1127499	0.53%	0.168%
96	23.274	3446	3449	3459	rVB	367789	586433	0.28%	0.087%
97	23.368	3460	3465	3470	rBV	296919	519550	0.24%	0.077%
98	25.556	3831	3837	3846	rVB	117030	293678	0.14%	0.044%
99	26.221	3944	3950	3959	rVB2	105241	277772	0.13%	0.041%

Sum of corrected areas: 672048514

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
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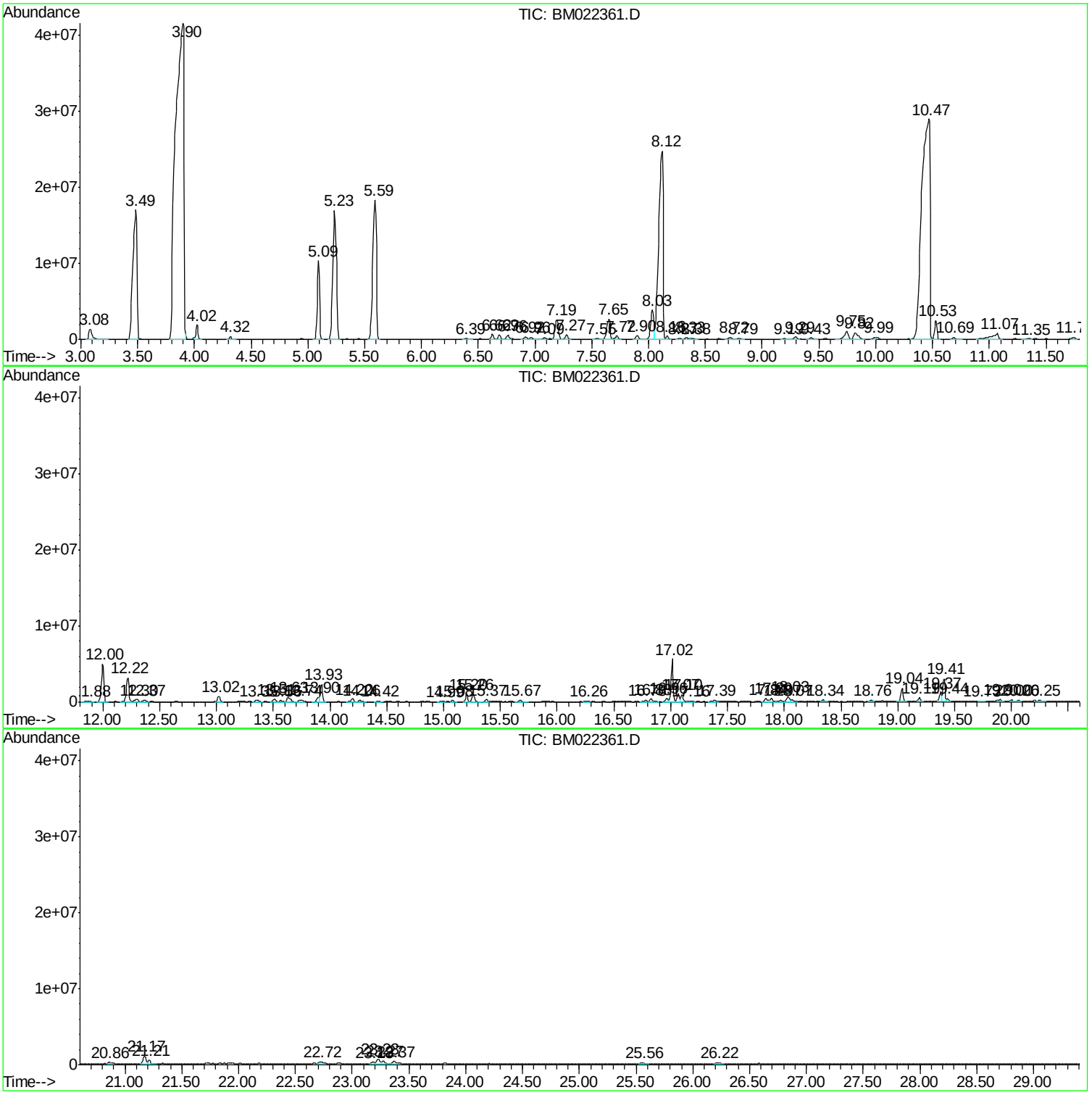
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
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Acq On : 27 Aug 2019 10:42
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Sample : K4414-07
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Instrument : BNA_M
ClientSampleId : ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	3142.68 ng/ul	42959500	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	74
3	2-Hexanone	100	C6H12O	000591-78-6	64
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	59
5	2,4-Pentanedione	100	C5H8O2	000123-54-6	49

****

Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	15515.20 ng/ul	212088000	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	90
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	83

****

Peak Number 3 2-Hexanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	174.02 ng/ul	2378760	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
2	2-Hexanone	100	C6H12O	000591-78-6	86
3	2-Hexanone	100	C6H12O	000591-78-6	78
4	2-Hexanone, 4-hydroxy-5-methyl-3...	172	C10H20O2	061141-74-0	74
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72

****

Peak Number 4 Tetrachloroethylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.

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Acq On : 27 Aug 2019 10:42
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Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	38.05 ng/ul	520149	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
4	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	12
5	1,3-Dichloro-4-fluorobenzene	164	C6H3Cl2F	001435-48-9	9

****

Peak Number 5 Ethylbenzene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	990.55 ng/ul	13540500	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	95
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	p-Xylene	106	C8H10	000106-42-3	86

****

Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	2653.43 ng/ul	36271600	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	95

****

Peak Number 7 Styrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	3094.72 ng/ul	42304000	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

1	Styrene	104	C8H8	000100-42-5	96
2	Styrene	104	C8H8	000100-42-5	96
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	94
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	93
5	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	93

****

Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	19.41 ng/ul	265350	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
3	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	93
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86

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Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	76.47 ng/ul	1045360	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	55

****

Peak Number 10 4-Heptanone, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	61.69 ng/ul	843254	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	92
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	78
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70

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Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

4	3-Pentanone, 2,2,4,4-tetramethyl-	142	C9H18O	000815-24-7	64
5	4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	64

****

Peak Number 11 .alpha.-Methylstyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	32.47 ng/ul	443883	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	93
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	91
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	62
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	52

****

Peak Number 12 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	398.70 ng/ul	5450050	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	86
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55

****

Peak Number 13 Benzene, 1-ethenyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	74.52 ng/ul	1018680	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	89
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	89
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	76

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022361.D
Acq On : 27 Aug 2019 10:42
Operator : HP/JU
Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4-Cyanocyclohexene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	423.10 ng/ul	5783590	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyanocyclohexene	107	C7H9N	000100-45-8	96
2	4-Cyanocyclohexene	107	C7H9N	000100-45-8	87
3	Bicyclo[1.1.0]butane	54	C4H6	000157-33-5	52
4	1,5-Cyclooctadiene, (Z,Z)-	108	C8H12	001552-12-1	50
5	3-Penten-1-yne, 3-methyl-	80	C6H8	001574-33-0	45

****
Peak Number 15 cis-.beta.-Methylstyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	66.07 ng/ul	903113	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	96
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	96
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90

****
Peak Number 16 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	64.07 ng/ul	875815	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74

****
Peak Number 17 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.

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Data File : BM022361.D
Acq On : 27 Aug 2019 10:42
Operator : HP/JU
Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	4838.10 ng/ul	66135400	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Indene	116	C9H8	000095-13-6	81

****

Peak Number 18 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	43.17 ng/ul	590117	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	80
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	72
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	45
4	2-Amino-4-methylpyrimidine	109	C5H7N3	000108-52-1	35
5	2-(1-Cyclopent-1-enyl-1-methylet...	192	C13H20O	1000190-57-4	35

****

Peak Number 19 Benzene, 1-methyl-4-(2-prop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	18.81 ng/ul	257129	1,4-Dichlorobenzene-d4	7.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	94
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	93
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	93
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	93

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Peak Number 20 m-Tolylacetic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	24.84 ng/ul	890726	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022361.D
Acq On : 27 Aug 2019 10:42
Operator : HP/JU
Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

1	m-Tolylacetic acid	150	C9H10O2	000621-36-3	94
2	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	91
3	m-Tolylacetic acid	150	C9H10O2	000621-36-3	90
4	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	90
5	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	87

****

Peak Number 21 p-Tolylacetic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	13.70 ng/ul	491312	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Tolylacetic acid	150	C9H10O2	000622-47-9	94
2	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	94
3	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	91
4	p-Tolylacetic acid	150	C9H10O2	000622-47-9	91
5	Benzeneacetic acid, .alpha.-methyl-	150	C9H10O2	000492-37-5	91

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Peak Number 22 Naphthalene, 1,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	15.23 ng/ul	545984	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95

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Peak Number 23 Naphthalene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	17.82 ng/ul	638934	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022361.D
Acq On : 27 Aug 2019 10:42
Operator : HP/JU
Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95

****

Peak Number 24 1-Naphthalenol Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	6.18 ng/ul	221602	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol	144	C10H8O	000090-15-3	95
2	2-Naphthalenol	144	C10H8O	000135-19-3	93
3	1-Naphthalenol	144	C10H8O	000090-15-3	93
4	1-Naphthalenol	144	C10H8O	000090-15-3	93
5	2-Naphthalenol	144	C10H8O	000135-19-3	91

****

Peak Number 25 Naphthalene, 1,4,5-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.61 ng/ul	237190	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	80
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	66
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	52
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	42

****

Peak Number 26 1H-Phenalene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	6.65 ng/ul	238589	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	90
2	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
3	Fluorene	166	C13H10	000086-73-7	47
4	Fluorene	166	C13H10	000086-73-7	40
5	Fluorene	166	C13H10	000086-73-7	38

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022361.D
Acq On : 27 Aug 2019 10:42
Operator : HP/JU
Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETJR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 27 Benzaldehyde, 2,4-dihydroxy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	12.53 ng/ul	443633	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	91
2	Fluorene	166	C13H10	000086-73-7	76
3	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	72
4	Benzaldehyde, 4,6-dihydroxy-2,3-...	166	C9H10O3	002990-31-0	72
5	Fluorene	166	C13H10	000086-73-7	58

****
Peak Number 28 9H-Fluorene, 2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	8.23 ng/ul	291287	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	78

****
Peak Number 29 1-Naphthaleneacetic acid Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	17.32 ng/ul	613245	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	96
2	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	95
3	.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	87
4	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	81
5	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	81

Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\
Data File : BM022361.D
Acq On : 27 Aug 2019 10:42
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Sample : K4414-07
Misc :
ALS Vial : 39 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl K...	3.49	3142.7	ng/ul	42959500	1	7.55	273394	20.0
Toluene	3.90	15515.2	ng/ul	212088000	1	7.55	273394	20.0
2-Hexanone	4.02	174.0	ng/ul	2378760	1	7.55	273394	20.0
Tetrachloroethylene	4.32	38.0	ng/ul	520149	1	7.55	273394	20.0
Ethylbenzene	5.09	990.5	ng/ul	13540500	1	7.55	273394	20.0
Benzene, 1,3-dime...	5.23	2653.4	ng/ul	36271600	1	7.55	273394	20.0
Styrene	5.59	3094.7	ng/ul	42304000	1	7.55	273394	20.0
Benzene, 1-etheny...	6.39	19.4	ng/ul	265350	1	7.55	273394	20.0
Benzene, 1-ethyl-...	6.62	76.5	ng/ul	1045360	1	7.55	273394	20.0
4-Heptanone, 2,6-...	6.69	61.7	ng/ul	843254	1	7.55	273394	20.0
.alpha.-Methylsty...	6.96	32.5	ng/ul	443883	1	7.55	273394	20.0
Bicyclo[4.2.0]oct...	7.19	398.7	ng/ul	5450050	1	7.55	273394	20.0
Benzene, 1-etheny...	7.27	74.5	ng/ul	1018680	1	7.55	273394	20.0
4-Cyanocyclohexene	7.65	423.1	ng/ul	5783590	1	7.55	273394	20.0
cis-.beta.-Methyl...	7.72	66.1	ng/ul	903113	1	7.55	273394	20.0
Indane	7.90	64.1	ng/ul	875815	1	7.55	273394	20.0
Indene	8.12	4838.1	ng/ul	66135400	1	7.55	273394	20.0
Cyclohexanol, 3,3...	8.16	43.2	ng/ul	590117	1	7.55	273394	20.0
Benzene, 1-methyl...	8.79	18.8	ng/ul	257129	1	7.55	273394	20.0
m-Tolylacetic acid	12.30	24.8	ng/ul	890726	3	14.20	717155	20.0
p-Tolylacetic acid	12.37	13.7	ng/ul	491312	3	14.20	717155	20.0
Naphthalene, 1,6-...	13.35	15.2	ng/ul	545984	3	14.20	717155	20.0
Naphthalene, 1,3-...	13.51	17.8	ng/ul	638934	3	14.20	717155	20.0
1-Naphthalenol	14.42	6.2	ng/ul	221602	3	14.20	717155	20.0
Naphthalene, 1,4,...	14.99	6.6	ng/ul	237190	3	14.20	717155	20.0
1H-Phenalene	15.08	6.7	ng/ul	238589	3	14.20	717155	20.0
Benzaldehyde, 2,4...	15.67	12.5	ng/ul	443633	4	16.96	708127	20.0
9H-Fluorene, 2-me...	16.26	8.2	ng/ul	291287	4	16.96	708127	20.0
1-Naphthaleneacet...	16.83	17.3	ng/ul	613245	4	16.96	708127	20.0