LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
Data File : VW003913.D
Acq On : 12 Jul 2018 22:16
Operator : SY/AP
Sample : J3948-03
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-ST-PH4-AREA

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.807	27	36	58	rVB	1331042	2940639	100.00%	13.572%
2	4.904	534	544	558	rBV	20546	70123	2.38%	0.324%
3	7.885	1024	1033	1038	rBV	126614	298021	10.13%	1.375%
4	7.952	1038	1044	1057	rVB	191080	420626	14.30%	1.941%
5	8.305	1090	1102	1113	rBV	142301	319077	10.85%	1.473%
6	8.842	1181	1190	1204	rBV	281336	568555	19.33%	2.624%
7	10.329	1424	1434	1452	rVB	343290	621221	21.13%	2.867%
8	11.634	1641	1648	1658	rBV	377624	643191	21.87%	2.968%
9	11.738	1658	1665	1675	rVV	452738	746302	25.38%	3.444%
10	11.847	1677	1683	1691	rVB	75749	138863	4.72%	0.641%
11	12.171	1725	1736	1744	rBV	145847	265539	9.03%	1.226%
12	12.469	1779	1785	1790	rBV	78425	125828	4.28%	0.581%
13	12.622	1804	1810	1819	rBV	351574	582411	19.81%	2.688%
14	12.811	1833	1841	1845	rVB	27305	54590	1.86%	0.252%
15	12.872	1846	1851	1852	rBV	56320	66478	2.26%	0.307%
16	12.908	1852	1857	1860	rVV	297165	465959	15.85%	2.150%
17	12.951	1860	1864	1870	rVB	227215	356756	12.13%	1.646%
18	13.109	1883	1890	1897	rBV	202533	338069	11.50%	1.560%
19	13.256	1907	1914	1919	rBV	451397	716783	24.38%	3.308%
20	13.304	1919	1922	1927	rVB	63793	96009	3.26%	0.443%
21	13.384	1927	1935	1938	rBV7	14209	35832	1.22%	0.165%
22	13.451	1941	1946	1950	rBV2	64349	99567	3.39%	0.460%
23	13.506	1950	1955	1959	rBV3	43827	73546	2.50%	0.339%
24	13.567	1959	1965	1968	rBV	387911	684049	23.26%	3.157%
25	13.634	1974	1976	1983	rVB2	57791	77444	2.63%	0.357%
26	13.725	1985	1991	1993	rBV	275265	408248	13.88%	1.884%
27	13.768	1993	1998	2002	rBV	1225264	1832171	62.31%	8.456%
28	13.890	2013	2018	2022	rVB4	29390	45831	1.56%	0.212%
29	13.945	2022	2027	2033	rVB2	95539	175717	5.98%	0.811%
30	14.024	2035	2040	2041	rBV	66121	94801	3.22%	0.438%
31	14.048	2041	2044	2048	rVB	87652	119550	4.07%	0.552%
32	14.103	2048	2053	2058	rBV	278163	417174	14.19%	1.925%
33	14.219	2065	2072	2081	rBV	272306	611579	20.80%	2.823%
34	14.292	2081	2084	2088	rVB2	52699	69742	2.37%	0.322%

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Title : SW846 8260

35	14.347	2088	2093	2097	rBV4	47249	83409	2.84%	0.385%
36	14.402	2098	2102	2103	rVV3	31572	44286	1.51%	0.204%
37	14.432	2103	2107	2109	rVV	68725	105870	3.60%	0.489%
38	14.469	2109	2113	2116	rVV	183334	253406	8.62%	1.170%
39	14.512	2116	2120	2124	rVB	133020	175999	5.99%	0.812%
40	14.573	2124	2130	2134	rBV4	51967	110432	3.76%	0.510%
41	14.701	2146	2151	2155	rBV	169756	273864	9.31%	1.264%
42	14.743	2155	2158	2162	rVB	35647	50509	1.72%	0.233%
43	14.804	2162	2168	2174	rBV2	326899	725567	24.67%	3.349%
44	14.853	2174	2176	2179	rVV2	29108	34887	1.19%	0.161%
45	14.963	2189	2194	2202	rVB2	465517	777595	26.44%	3.589%
46	15.072	2206	2212	2217	rBV3	127028	250449	8.52%	1.156%
47	15.188	2225	2231	2238	rBV2	87334	194354	6.61%	0.897%
48	15.335	2250	2255	2259	rBV3	76305	156561	5.32%	0.723%
49	15.377	2259	2262	2268	rVB	95658	151523	5.15%	0.699%
50	15.487	2275	2280	2283	rBV4	47414	86450	2.94%	0.399%
51	15.591	2291	2297	2302	rVB8	25997	67164	2.28%	0.310%
52	15.670	2302	2310	2316	rBV5	75103	223461	7.60%	1.031%
53	15.743	2317	2322	2330	rVB7	93588	234860	7.99%	1.084%
54	15.859	2335	2341	2346	rBV3	76486	172209	5.86%	0.795%
55	15.975	2355	2360	2365	rBV5	73530	186119	6.33%	0.859%
56	16.182	2389	2394	2399	rBV5	46260	101143	3.44%	0.467%
57	16.243	2399	2404	2410	rVV6	47721	128094	4.36%	0.591%
58	16.304	2410	2414	2422	rVB2	83199	151395	5.15%	0.699%
59	16.456	2434	2439	2450	rVB3	85862	188124	6.40%	0.868%
60	16.566	2453	2457	2462	rVV6	29593	59278	2.02%	0.274%
61	16.658	2464	2472	2484	rVB	910049	2100437	71.43%	9.694%

Sum of corrected areas: 21667736

LSC Report - Integrated Chromatogram

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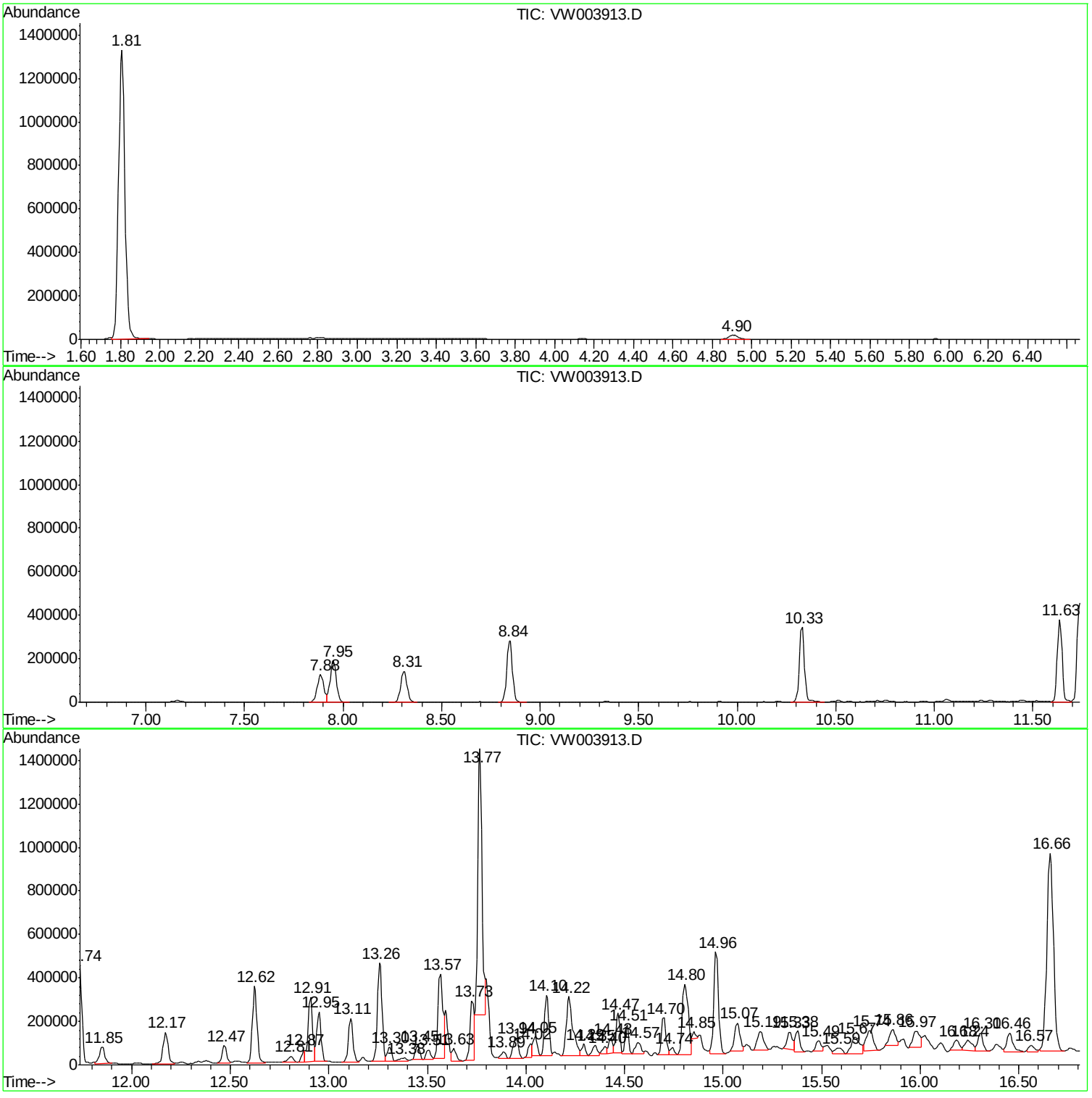
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-ST-PH4-AREA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-ST-PH4-AREA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	24.71 ug/l	338069	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91

****

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	29.84 ug/l	408248	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91

****

Peak Number 3 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	133.92 ug/l	1832170	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	Indole	117	C8H7N	000120-72-9	49
3	Deltacyclene	118	C9H10	007785-10-6	45
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	38

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Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

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

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-ST-PH4-AREA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

14.10	30.49 ug/l	417174	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94

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Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	44.70 ug/l	611579	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	80

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Peak Number 6 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	20.02 ug/l	273864	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87

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Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	53.03 ug/l	725567	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-ST-PH4-AREA

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83

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Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	56.84 ug/l	777595	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94

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Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	153.53 ug/l	2100440	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90

Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	13.11	24.7	ug/l	338069	4	13.57	684049	50.0
Benzene, 1,2-diet...	13.73	29.8	ug/l	408248	4	13.57	684049	50.0
Benzene, 1,1'-(1,...	13.77	133.9	ug/l	1832170	4	13.57	684049	50.0
Benzene, 1-ethyl-...	14.10	30.5	ug/l	417174	4	13.57	684049	50.0
Benzene, 1-etheny...	14.22	44.7	ug/l	611579	4	13.57	684049	50.0
1H-Indene, 2,3-di...	14.70	20.0	ug/l	273864	4	13.57	684049	50.0
Benzene, 1,2,4,5-...	14.80	53.0	ug/l	725567	4	13.57	684049	50.0
1H-Indene, 1-methyl-	14.96	56.8	ug/l	777595	4	13.57	684049	50.0
Naphthalene, 1-me...	16.66	153.5	ug/l	2100440	4	13.57	684049	50.0