LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049320.D
Acq On : 16 Jun 2018 19:55
Operator : MD\SY
Sample : J3564-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : W-01

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_N\METHODS\82N061618W.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	1.661	3	22	48	rBV	7693184	11529336	100.00%	8.734%
2	1.992	114	125	142	rBV	245898	489098	4.24%	0.371%
3	7.593	1847	1867	1878	rBV2	1205694	3039366	26.36%	2.302%
4	7.667	1878	1890	1935	rVB	1856976	4601103	39.91%	3.486%
5	8.030	1984	2003	2032	rBV	1206309	2867997	24.88%	2.173%
6	8.236	2039	2067	2069	rBV	160224	602593	5.23%	0.456%
7	8.587	2160	2176	2218	rVB	2625143	5702794	49.46%	4.320%
8	9.082	2309	2330	2345	rBV5	97352	239722	2.08%	0.182%
9	9.619	2482	2497	2507	rBV3	64610	134364	1.17%	0.102%
10	10.091	2628	2644	2673	rBV	4903092	9344463	81.05%	7.079%
11	10.435	2739	2751	2765	rVB3	80621	150626	1.31%	0.114%
12	10.525	2766	2779	2791	rBV10	63835	150208	1.30%	0.114%
13	11.410	3040	3054	3073	rBV	3644682	6371911	55.27%	4.827%
14	11.496	3074	3081	3091	rVB3	83806	142308	1.23%	0.108%
15	11.654	3121	3130	3139	rBV6	62543	117803	1.02%	0.089%
16	12.120	3268	3275	3283	rVB2	95418	140747	1.22%	0.107%
17	12.252	3306	3316	3329	rVB	410532	696919	6.04%	0.528%
18	12.403	3350	3363	3378	rBV	3129687	5401209	46.85%	4.092%
19	12.593	3415	3422	3452	rVB	608370	1217132	10.56%	0.922%
20	12.963	3530	3537	3541	rBV5	87319	137421	1.19%	0.104%
21	12.995	3543	3547	3569	rVB	150707	292503	2.54%	0.222%
22	13.172	3589	3602	3614	rBV2	654697	1327088	11.51%	1.005%
23	13.345	3644	3656	3673	rBV	3078322	5413223	46.95%	4.101%
24	13.445	3678	3687	3697	rVV	556793	915278	7.94%	0.693%
25	13.512	3698	3708	3713	rVV	1291383	2050558	17.79%	1.553%
26	13.545	3714	3718	3727	rVV	1132587	1659803	14.40%	1.257%
27	13.593	3727	3733	3747	rVB3	278030	568300	4.93%	0.431%
28	13.673	3747	3758	3769	rBV	1395061	2318966	20.11%	1.757%
29	13.892	3814	3826	3835	rBV	4160912	6372221	55.27%	4.827%
30	13.950	3835	3844	3849	rVV	1153998	1764730	15.31%	1.337%
31	13.995	3849	3858	3870	rVB3	4747568	8127996	70.50%	6.157%
32	14.133	3890	3901	3909	rBV	755538	1299344	11.27%	0.984%
33	14.210	3909	3925	3941	rVB	3499648	6573191	57.01%	4.979%
34	14.294	3942	3951	3957	rBV2	482445	770853	6.69%	0.584%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049320.D
Acq On : 16 Jun 2018 19:55
Operator : MD\SY
Sample : J3564-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : W-01

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_N\METHODS\82N061618W.M
Title : SW846 8260

35	14.365	3967	3973	3981	rVB	506141	644843	5.59%	0.488%
36	14.422	3981	3991	4001	rVB4	853315	1778034	15.42%	1.347%
37	14.480	4001	4009	4018	rBV3	770677	1327612	11.52%	1.006%
38	14.528	4018	4024	4032	rVB2	506900	722954	6.27%	0.548%
39	14.586	4033	4042	4055	rBV3	734218	1467375	12.73%	1.112%
40	14.657	4055	4064	4074	rVB5	742797	1297421	11.25%	0.983%
41	14.853	4099	4125	4131	rBV4	1754466	4005112	34.74%	3.034%
42	14.889	4132	4136	4143	rVB	381443	525552	4.56%	0.398%
43	14.959	4148	4158	4176	rVB3	2508808	5527091	47.94%	4.187%
44	15.049	4179	4186	4194	rBV	313107	471497	4.09%	0.357%
45	15.194	4220	4231	4239	rBV	1670633	2892956	25.09%	2.192%
46	15.265	4240	4253	4288	rVB3	1820175	4951994	42.95%	3.751%
47	15.419	4291	4301	4311	rBV	494459	858604	7.45%	0.650%
48	15.490	4314	4323	4334	rVB5	353654	659417	5.72%	0.500%
49	15.577	4339	4350	4361	rBV	838772	1841742	15.97%	1.395%
50	15.702	4381	4389	4398	rVB	417721	673388	5.84%	0.510%
51	15.770	4401	4410	4421	rVV3	351960	754129	6.54%	0.571%
52	15.918	4442	4456	4470	rBV	2603348	5358651	46.48%	4.059%
53	16.107	4503	4515	4525	rVV3	593886	1284699	11.14%	0.973%
54	16.168	4527	4534	4559	rVB7	392055	1196950	10.38%	0.907%
55	16.355	4580	4592	4604	rBV5	475003	1234175	10.70%	0.935%

Sum of corrected areas: 132005370

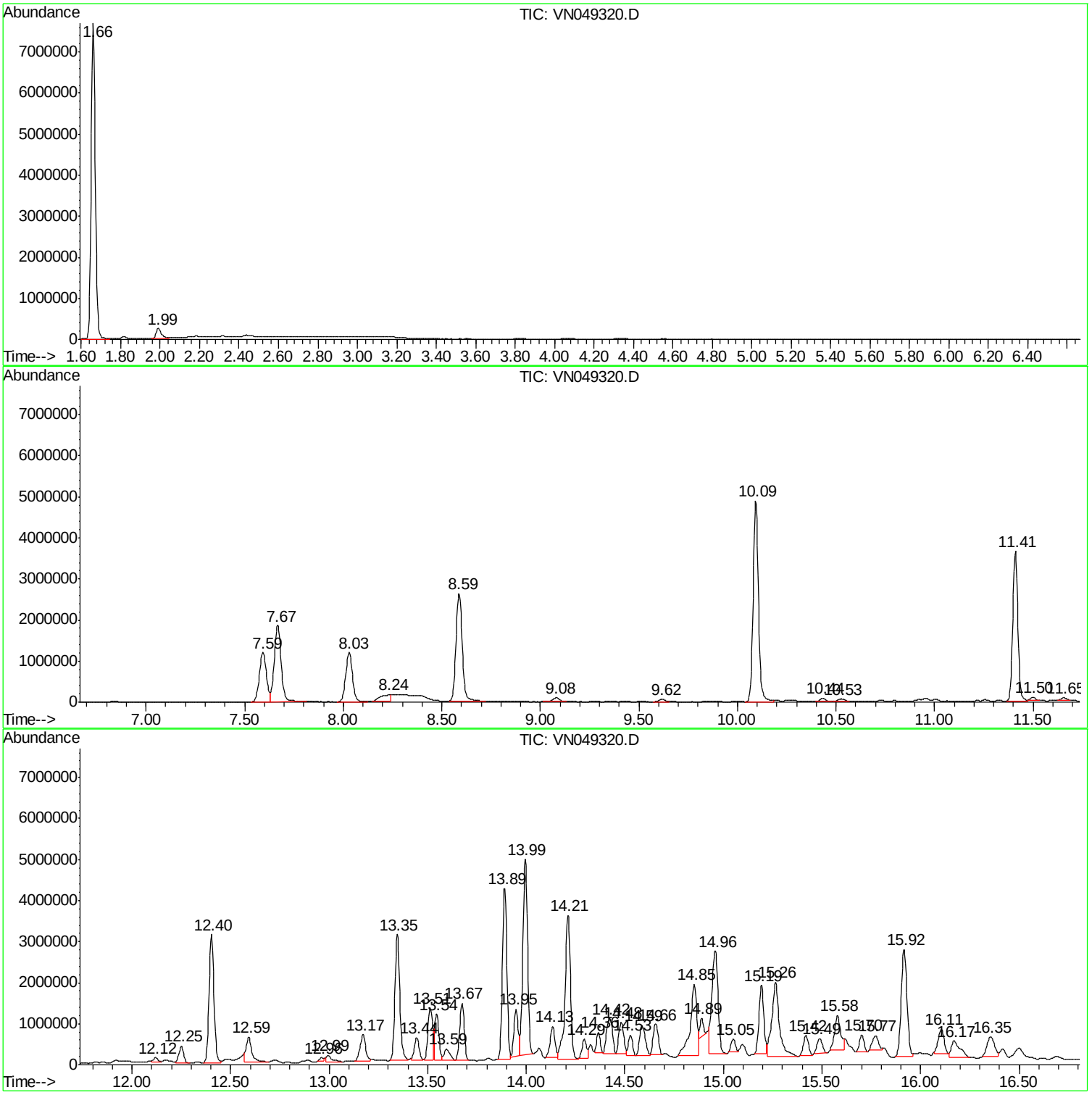
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049320.D
Acq On : 16 Jun 2018 19:55
Operator : MD\SY
Sample : J3564-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : W-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049320.D
Acq On : 16 Jun 2018 19:55
Operator : MD\SY
Sample : J3564-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : W-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260

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

****

Peak Number 1 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	21.42 ug/l	2318970	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	74

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	58.86 ug/l	6372220	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	o-Cymene	134	C10H14	000527-84-4	94

****

Peak Number 3 Benzene, (1-methyl-1-propen... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	75.08 ug/l	8128000	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	76
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	76
4	Indan, 1-methyl-	132	C10H12	000767-58-8	70
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70

****

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049320.D
Acq On : 16 Jun 2018 19:55
Operator : MD\SY
Sample : J3564-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : W-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	60.71 ug/l	6573190	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94

****

Peak Number 5 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	36.99 ug/l	4005110	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	51.05 ug/l	5527090	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	81
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	81
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81

****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	26.72 ug/l	2892960	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049320.D
Acq On : 16 Jun 2018 19:55
Operator : MD\SY
Sample : J3564-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : W-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260

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

1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	62
4	7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	42
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35

****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	45.74 ug/l	4951990	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86

****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	49.50 ug/l	5358650	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	60

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
Data File : VN049320.D
Acq On : 16 Jun 2018 19:55
Operator : MD\SY
Sample : J3564-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : W-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260

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, 1,2-diet...	13.67	21.4	ug/l	2318970	4	13.35	5413220	50.0
Benzene, 4-ethyl-...	13.89	58.9	ug/l	6372220	4	13.35	5413220	50.0
Benzene, (1-methy...	13.99	75.1	ug/l	8128000	4	13.35	5413220	50.0
Benzene, 1,2,3,4-...	14.21	60.7	ug/l	6573190	4	13.35	5413220	50.0
Benzene, 2-etheny...	14.85	37.0	ug/l	4005110	4	13.35	5413220	50.0
1H-Indene, 2,3-di...	14.96	51.0	ug/l	5527090	4	13.35	5413220	50.0
Naphthalene, 1,2,...	15.19	26.7	ug/l	2892960	4	13.35	5413220	50.0
Naphthalene, 1,2,...	15.26	45.7	ug/l	4951990	4	13.35	5413220	50.0
Naphthalene, 1,2,...	15.92	49.5	ug/l	5358650	4	13.35	5413220	50.0