LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092115\
Data File : VD046814.D
Acq On : 21 Sep 2015 18:26
Operator : FY/SY
Sample : G3748-04
Misc : 10.23gm/5mL/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MGP205-10-12

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 : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.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	1.275	73	76	80	rBV	478135	909934	1.82%	0.263%
2	6.706	620	627	638	rBV	9043062	24652170	49.18%	7.130%
3	9.594	911	920	924	rBV2	503299	1297922	2.59%	0.375%
4	9.703	924	931	939	rVV	2474658	6172352	12.31%	1.785%
5	9.969	954	958	963	rVB	316149	691071	1.38%	0.200%
6	10.146	968	976	984	rVB3	270029	873274	1.74%	0.253%
7	10.649	1019	1027	1032	rBV	361595	769942	1.54%	0.223%
8	10.945	1053	1057	1060	rVB	678373	1294626	2.58%	0.374%
9	11.014	1060	1064	1068	rBV	725381	1562299	3.12%	0.452%
10	11.231	1083	1086	1089	rVB	534144	882629	1.76%	0.255%
11	11.319	1089	1095	1104	rVB4	636798	2763389	5.51%	0.799%
12	11.477	1104	1111	1117	rBV	581760	1286663	2.57%	0.372%
13	11.723	1132	1136	1143	rVB	14197106	27696628	55.25%	8.010%
14	11.871	1143	1151	1155	rBV	9485757	22232649	44.35%	6.430%
15	11.970	1159	1161	1165	rVB	405411	626681	1.25%	0.181%
16	12.236	1181	1188	1189	rBV5	525337	1458677	2.91%	0.422%
17	12.285	1189	1193	1197	rVB	10464540	19161283	38.23%	5.542%
18	12.443	1206	1209	1211	rBV	540777	928015	1.85%	0.268%
19	12.483	1211	1213	1218	rVV2	633536	1286164	2.57%	0.372%
20	12.561	1218	1221	1225	rVV3	856686	1720248	3.43%	0.498%
21	12.660	1227	1231	1235	rVB	2588465	4075044	8.13%	1.179%
22	13.064	1269	1272	1276	rVB	909393	1480689	2.95%	0.428%
23	13.153	1276	1281	1283	rBV	4644744	8691498	17.34%	2.514%
24	13.192	1283	1285	1287	rVV	4908026	7113619	14.19%	2.057%
25	13.242	1287	1290	1297	rVB	3625691	5709711	11.39%	1.651%
26	13.409	1303	1307	1317	rBV	2531587	4605347	9.19%	1.332%
27	13.586	1317	1325	1328	rBV	10243234	16822312	33.56%	4.865%
28	13.803	1343	1347	1350	rBV	1358509	2184265	4.36%	0.632%
29	13.863	1350	1353	1356	rVB	737551	1170551	2.34%	0.339%
30	13.941	1356	1361	1365	rBV	4392301	7066673	14.10%	2.044%
31	14.001	1365	1367	1374	rVB	1379600	2180523	4.35%	0.631%
32	14.129	1374	1380	1384	rBV	23886033	50126083	100.00%	14.497%
33	14.188	1384	1386	1390	rVB	1269656	1896294	3.78%	0.548%
34	14.306	1394	1398	1405	rVB	2078874	3887521	7.76%	1.124%

LSC Area Percent Report

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Operator : FY/SY
Sample : G3748-04
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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MGP205-10-12

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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Peak separation: 5

Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Title : SW846 8260

35	14.415	1405	1409	1410	rBV	492715	967161	1.93%	0.280%
36	14.434	1410	1411	1414	rVB2	677135	844650	1.69%	0.244%
37	14.493	1414	1417	1420	rBV	1843180	2978103	5.94%	0.861%
38	14.602	1425	1428	1431	rBV	2941748	4569383	9.12%	1.322%
39	14.740	1439	1442	1444	rBV	379392	568490	1.13%	0.164%
40	14.789	1444	1447	1448	rVV3	355733	562238	1.12%	0.163%
41	14.829	1448	1451	1452	rVV	736113	1240683	2.48%	0.359%
42	14.868	1452	1455	1458	rVV	1697551	3207062	6.40%	0.928%
43	14.917	1458	1460	1463	rVV2	423776	741047	1.48%	0.214%
44	14.976	1463	1466	1472	rVV3	664389	1645487	3.28%	0.476%
45	15.095	1472	1478	1482	rVV	3409624	5899412	11.77%	1.706%
46	15.213	1486	1490	1494	rVV2	1887348	3963055	7.91%	1.146%
47	15.292	1494	1498	1502	rVV	2965519	5285791	10.54%	1.529%
48	15.381	1502	1507	1513	rVV	6557995	11485577	22.91%	3.322%
49	15.489	1513	1518	1528	rVV3	1021355	3115113	6.21%	0.901%
50	15.627	1528	1532	1538	rBV2	280103	689901	1.38%	0.200%
51	15.814	1546	1551	1552	rBV	20714313	38334277	76.48%	11.087%
52	15.923	1558	1562	1570	rVB	2529301	5727370	11.43%	1.656%
53	16.445	1610	1615	1618	rBV2	274377	678988	1.35%	0.196%
54	16.938	1660	1665	1673	rVB	4940328	11651043	23.24%	3.370%
55	17.145	1680	1686	1695	rVB	2605705	6333631	12.64%	1.832%

Sum of corrected areas: 345765208

LSC Report - Integrated Chromatogram

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Data File : VD046814.D
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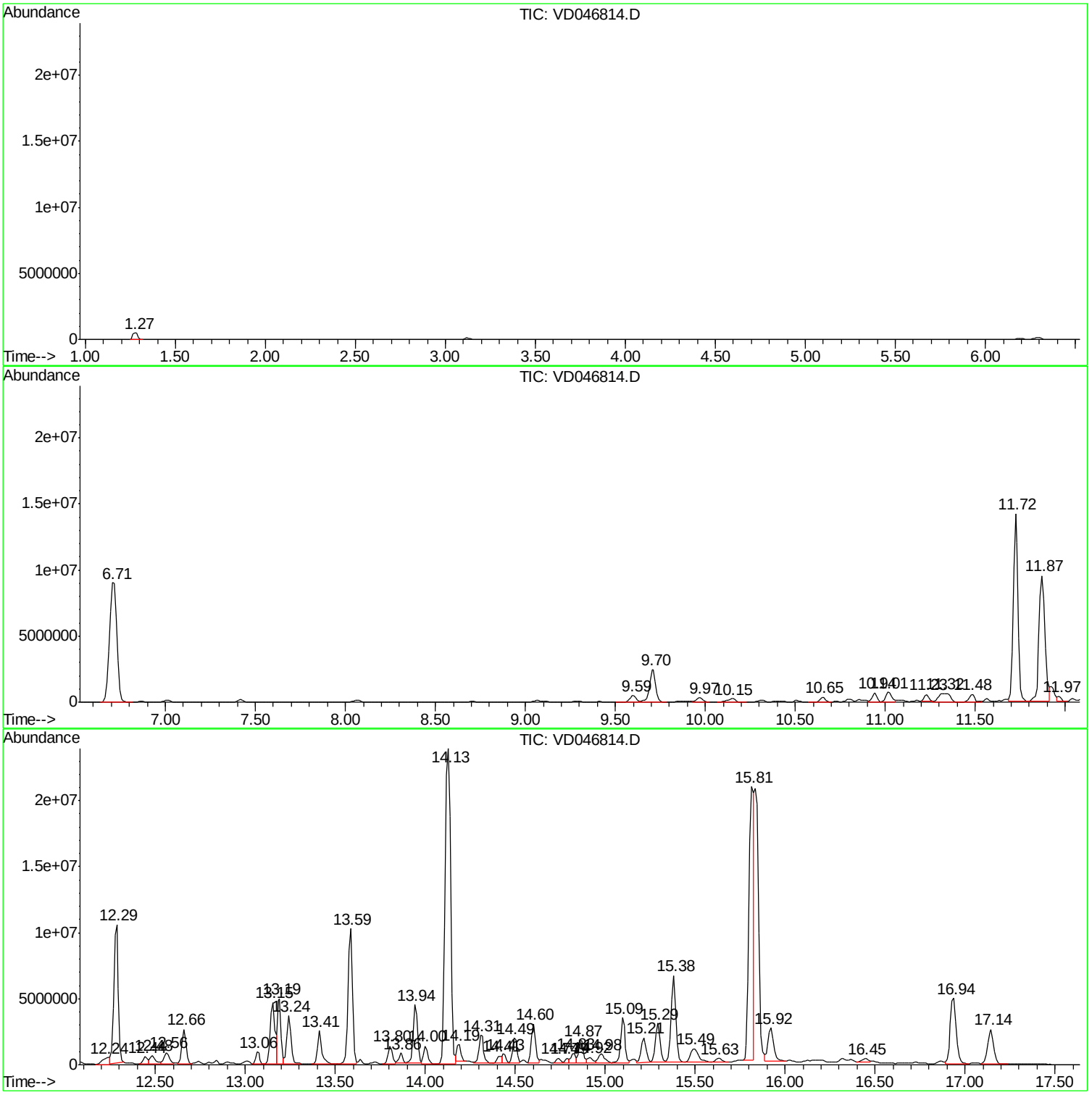
Sample : G3748-04
Misc : 10.23gm/5mL/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MGP205-10-12

Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260

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



Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092115\
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Instrument : MSVOA_D
ClientSampleId : MGP205-10-12

Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260

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

****

Peak Number 1 Cyclohexane, ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	50.31 ug/l	1294630	Chlorobenzene-d5	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	53
3	2,4-Dimethyl-3-hexene(c,t)	112	C8H16	1000118-16-4	53
4	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	53
5	2-Hexene, 2,4-dimethyl-	112	C8H16	014255-23-3	52

****

Peak Number 2 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	60.71 ug/l	1562300	Chlorobenzene-d5	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
3	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50
5	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	47

****

Peak Number 3 Cyclohexane, 1,3,5-trimethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	107.39 ug/l	2763390	Chlorobenzene-d5	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	93
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	58
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	58

****

Peak Number 4 Octane, 3-methyl- Concentration Rank 9

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

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Acq On : 21 Sep 2015 18:26
Operator : FY/SY
Sample : G3748-04
Misc : 10.23gm/5mL/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MGP205-10-12

Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260

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

11.48	50.00 ug/l	1286660	Chlorobenzene-d5	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	86
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	52
4	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	50
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50

****

Peak Number 5 1H-Indene, octahydro-, cis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	49.98 ug/l	1286160	Chlorobenzene-d5	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	94
2	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	64
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	58
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	46
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43

****

Peak Number 6 Cyclohexane, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	66.85 ug/l	1720250	Chlorobenzene-d5	11.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	93
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	52
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	49
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	47

****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	61.50 ug/l	8691500	1,4-Dichlorobenzene-d4	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD092115\
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Acq On : 21 Sep 2015 18:26
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Sample : G3748-04
Misc : 10.23gm/5mL/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : MGP205-10-12

Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260

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

1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3 95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4 94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8 91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8 91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8 91

****

Peak Number 8 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	354.67 ug/l	50126100	1,4-Dichlorobenzene-d4	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70

****

Peak Number 9 2-Methylindene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	81.27 ug/l	11485600	1,4-Dichlorobenzene-d4	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93

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Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	82.44 ug/l	11651000	1,4-Dichlorobenzene-d4	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91

Library Search Compound Report

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Instrument :
MSVOA_D
ClientSampleId :
MGP205-10-12

Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
Quant Title : SW846 8260

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

4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64

Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane, ethyl-	10.94	50.3	ug/l	1294630	3	11.57	1286660	50.0
Cyclohexane, 1,1,...	11.01	60.7	ug/l	1562300	3	11.57	1286660	50.0
Cyclohexane, 1,3,...	11.32	107.4	ug/l	2763390	3	11.57	1286660	50.0
Octane, 3-methyl-	11.48	50.0	ug/l	1286660	3	11.57	1286660	50.0
1H-Indene, octahy...	12.48	50.0	ug/l	1286160	3	11.57	1286660	50.0
Cyclohexane, (1-m...	12.56	66.8	ug/l	1720250	3	11.57	1286660	50.0
Benzene, 1-ethyl-...	13.15	61.5	ug/l	8691500	4	13.91	7066670	50.0
Indane	14.13	354.7	ug/l	50126100	4	13.91	7066670	50.0
2-Methylindene	15.38	81.3	ug/l	11485600	4	13.91	7066670	50.0
Naphthalene, 1-me...	16.94	82.4	ug/l	11651000	4	13.91	7066670	50.0