LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
Data File : VD058002.D
Acq On : 8 Jun 2018 7:21
Operator : JC/SY
Sample : J3354-02
Misc : 14.26g/5ml/MSVOA D/SOIL
ALS Vial : 66 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CAS1-SB-02-03-1-27

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_D\METHOD\82D060618S.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	1.227	94	102	105	rBV	1541863	3926652	58.21%	8.536%
2	1.296	105	109	128	rVB	1846476	6746092	100.00%	14.665%
3	2.615	237	243	252	rBV2	30200	105889	1.57%	0.230%
4	4.840	462	469	478	rBV2	19799	69608	1.03%	0.151%
5	5.549	534	541	546	rBV	243795	684405	10.15%	1.488%
6	5.638	546	550	564	rVB	295113	864874	12.82%	1.880%
7	6.012	581	588	599	rBV	214468	583981	8.66%	1.269%
8	6.681	650	656	667	rBV	429361	1112862	16.50%	2.419%
9	8.118	792	802	805	rBV	26399	71660	1.06%	0.156%
10	8.453	831	836	842	rVB2	39118	100293	1.49%	0.218%
11	8.699	852	861	873	rBV	539084	1303183	19.32%	2.833%
12	8.926	878	884	889	rBV7	17372	81562	1.21%	0.177%
13	9.201	906	912	919	rBV2	40454	102491	1.52%	0.223%
14	9.890	977	982	990	rBV3	58537	225734	3.35%	0.491%
15	10.018	991	995	1000	rVV2	52425	137901	2.04%	0.300%
16	10.107	1000	1004	1008	rVV2	57030	132695	1.97%	0.288%
17	10.363	1026	1030	1033	rBV	43815	95864	1.42%	0.208%
18	10.422	1033	1036	1045	rVB2	83536	180303	2.67%	0.392%
19	10.678	1058	1062	1067	rVV	713870	1286196	19.07%	2.796%
20	10.963	1086	1091	1095	rVV4	36843	110755	1.64%	0.241%
21	11.032	1095	1098	1102	rVV	82014	171464	2.54%	0.373%
22	11.091	1102	1104	1111	rVV	58523	105527	1.56%	0.229%
23	11.357	1126	1131	1134	rBV3	101651	240206	3.56%	0.522%
24	11.554	1148	1151	1152	rVV3	49023	85832	1.27%	0.187%
25	11.584	1152	1154	1157	rVB	93130	133170	1.97%	0.289%
26	11.672	1157	1163	1171	rBV3	180588	429296	6.36%	0.933%
27	11.830	1176	1179	1185	rBV4	57746	189507	2.81%	0.412%
28	11.928	1185	1189	1192	rVV	620428	903831	13.40%	1.965%
29	12.086	1202	1205	1212	rVB2	152032	295628	4.38%	0.643%
30	12.194	1212	1216	1220	rBV4	61793	176291	2.61%	0.383%
31	12.263	1220	1223	1225	rVV2	94222	171332	2.54%	0.372%
32	12.302	1225	1227	1229	rVV	110418	160779	2.38%	0.350%
33	12.351	1229	1232	1234	rVB2	114941	167143	2.48%	0.363%
34	12.401	1234	1237	1239	rVB3	44632	72184	1.07%	0.157%

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Title : SW846 8260

35	12.499	1243	1247	1251	rBV4	92029	241877	3.59%	0.526%
36	12.647	1260	1262	1267	rVB4	106934	204252	3.03%	0.444%
37	12.725	1267	1270	1273	rBV3	140601	317005	4.70%	0.689%
38	12.775	1273	1275	1277	rVB3	85900	118398	1.76%	0.257%
39	12.824	1277	1280	1282	rBV	243444	324666	4.81%	0.706%
40	12.903	1285	1288	1291	rBV	873470	1167905	17.31%	2.539%
41	13.011	1294	1299	1303	rVB5	106803	298172	4.42%	0.648%
42	13.100	1303	1308	1312	rBV4	136662	354815	5.26%	0.771%
43	13.188	1314	1317	1321	rBV	549401	881570	13.07%	1.916%
44	13.287	1325	1327	1330	rVV2	97328	173261	2.57%	0.377%
45	13.336	1330	1332	1335	rVB2	183346	232380	3.44%	0.505%
46	13.415	1335	1340	1341	rBV2	179976	376211	5.58%	0.818%
47	13.444	1341	1343	1346	rVV	359334	501558	7.43%	1.090%
48	13.483	1346	1347	1349	rVB2	101764	77271	1.15%	0.168%
49	13.533	1349	1352	1355	rBV4	368767	723681	10.73%	1.573%
50	13.611	1358	1360	1362	rVB3	136759	191545	2.84%	0.416%
51	13.671	1362	1366	1368	rBV4	470492	668794	9.91%	1.454%
52	13.739	1368	1373	1375	rVB3	558899	975836	14.47%	2.121%
53	13.779	1375	1377	1379	rVB	66385	72129	1.07%	0.157%
54	13.818	1379	1381	1384	rBV2	492879	655536	9.72%	1.425%
55	13.887	1384	1388	1390	rBV2	160033	282217	4.18%	0.613%
56	13.926	1390	1392	1394	rVB	198159	256990	3.81%	0.559%
57	13.986	1395	1398	1400	rBV2	74630	130367	1.93%	0.283%
58	14.025	1400	1402	1403	rBV	96085	107895	1.60%	0.235%
59	14.064	1403	1406	1411	rVB3	747854	1356161	20.10%	2.948%
60	14.133	1411	1413	1416	rBV2	306207	407388	6.04%	0.886%
61	14.202	1417	1420	1423	rVB3	253555	375914	5.57%	0.817%
62	14.320	1429	1432	1434	rBV2	371126	596036	8.84%	1.296%
63	14.389	1435	1439	1442	rVB2	461967	884238	13.11%	1.922%
64	14.468	1442	1447	1449	rBV4	254512	619002	9.18%	1.346%
65	14.566	1452	1457	1459	rVV2	792723	1436096	21.29%	3.122%
66	14.625	1459	1463	1465	rVV	804530	1288764	19.10%	2.802%
67	14.655	1465	1466	1468	rVV2	274053	338617	5.02%	0.736%
68	14.753	1471	1476	1478	rVV3	267944	551623	8.18%	1.199%
69	14.793	1478	1480	1484	rVV4	213139	513771	7.62%	1.117%
70	14.862	1484	1487	1492	rVV	538796	1339480	19.86%	2.912%
71	14.960	1494	1497	1499	rVV	461451	745288	11.05%	1.620%

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Title : SW846 8260

72	15.000	1499	1501	1504	rVV	415315	780284	11.57%	1.696%
73	15.098	1508	1511	1513	rVV	769545	1072546	15.90%	2.332%
74	15.137	1513	1515	1518	rVV3	180524	406313	6.02%	0.883%
75	15.226	1520	1524	1527	rVV2	362701	835897	12.39%	1.817%
76	15.275	1527	1529	1536	rVV3	267295	652547	9.67%	1.419%
77	15.383	1536	1540	1543	rVV2	379210	770738	11.42%	1.675%
78	15.482	1547	1550	1554	rVV4	114096	227208	3.37%	0.494%
79	15.541	1554	1556	1559	rVV4	40489	80417	1.19%	0.175%
80	15.600	1560	1562	1567	rVB6	37456	75760	1.12%	0.165%
81	15.738	1573	1576	1580	rVB4	49390	87764	1.30%	0.191%

Sum of corrected areas: 46001373

LSC Report - Integrated Chromatogram

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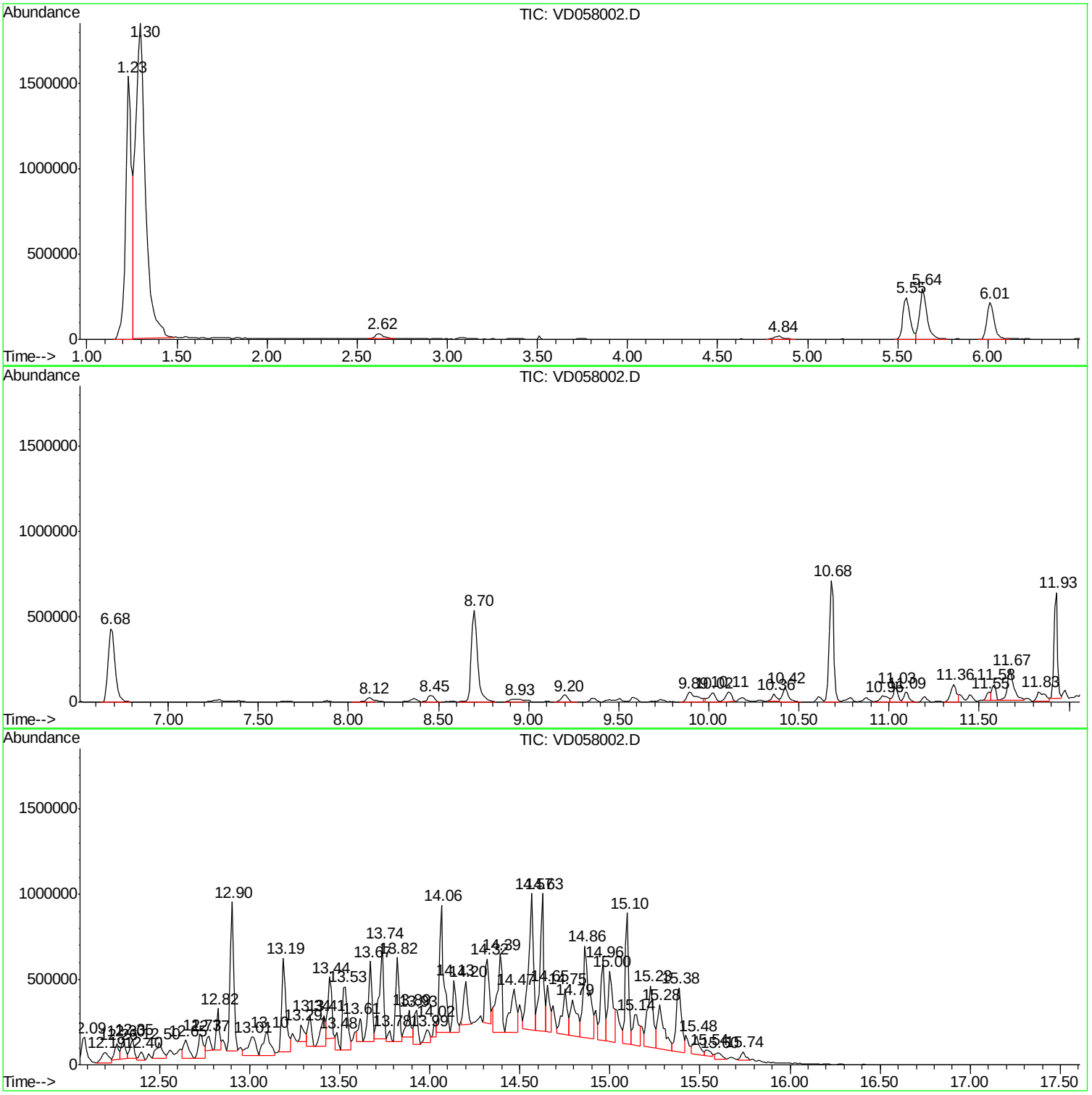
Instrument :
MSVOA_D
ClientSampleId :
CAS1-SB-02-03-1-27

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260

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

****

Peak Number 1 Naphthalene, decahydro-, tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	37.74 ug/l	881570	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	98
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	87
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	86
5	Cyclopentanone, 2-(2-methylpropy...	138	C9H14O	016856-72-7	83

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Peak Number 2 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	41.78 ug/l	975836	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90

****

Peak Number 3 Benzene, 2-butenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	58.06 ug/l	1356160	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	81
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	o-Cymene	134	C10H14	000527-84-4	60

****

Peak Number 4 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 9

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

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Instrument : MSVOA_D
ClientSampleId : CAS1-SB-02-03-1-27

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.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.
14.39	37.86 ug/l	884238	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	92
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	70
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	58
4	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	53
5	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	47

****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	61.48 ug/l	1436100	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	76
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	74
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	47

****

Peak Number 6 Benzene, (1-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	55.17 ug/l	1288760	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
2	Benzene, (2-chloro-2-butenyl)-	166	C10H11Cl	054411-12-0	86
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64

****

Peak Number 7 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	57.35 ug/l	1339480	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260

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

1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	92
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	62
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	62

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	45.92 ug/l	1072550	1,4-Dichlorobenzene-d4	12.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	76
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	70
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	60
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	60

Tentatively Identified Compound (LSC) summary

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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
Naphthalene, deca...	13.19	37.7	ug/l	881570	4	12.90	1167910	50.0
Benzene, 1,2,4,5-...	13.74	41.8	ug/l	975836	4	12.90	1167910	50.0
Benzene, 2-butenyl-	14.06	58.1	ug/l	1356160	4	12.90	1167910	50.0
1H-Indene, 2,3-di...	14.39	37.9	ug/l	884238	4	12.90	1167910	50.0
Naphthalene, 1,2,...	14.57	61.5	ug/l	1436100	4	12.90	1167910	50.0
Benzene, (1-methy...	14.63	55.2	ug/l	1288760	4	12.90	1167910	50.0
1H-Indene, 2,3-di...	14.86	57.4	ug/l	1339480	4	12.90	1167910	50.0
Naphthalene, 1,2,...	15.10	45.9	ug/l	1072550	4	12.90	1167910	50.0