LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002544.D
Acq On : 14 Jun 2018 08:01
Operator : JC/MD
Sample : J3383-13
Misc : 6.20g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : B-42RR

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_X\METHOD\82X060418W.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	1.941	216	222	238	rVB	3237950	4737051	8.94%	0.394%
2	2.855	367	372	384	rVB	6900359	14746217	27.83%	1.227%
3	3.142	409	419	444	rVB	4839815	11062366	20.88%	0.920%
4	3.495	466	477	492	rBV	8138776	18366720	34.66%	1.528%
5	4.282	596	606	613	rVV	1032046	3215525	6.07%	0.268%
6	4.379	613	622	634	rVV	4845870	14150796	26.71%	1.177%
7	5.605	787	823	832	rBV3	8524463	36404463	68.71%	3.029%
8	5.714	832	841	862	rVB2	3149848	12031188	22.71%	1.001%
9	5.928	862	876	891	rBV	10019639	29536489	55.74%	2.457%
10	6.257	916	930	939	rBV2	2763164	10176599	19.21%	0.847%
11	6.354	939	946	953	rVB2	2899521	7770495	14.67%	0.646%
12	6.452	953	962	974	rVB	3540306	10050398	18.97%	0.836%
13	6.714	990	1005	1021	rBV	15546956	38514305	72.69%	3.204%
14	6.940	1022	1042	1054	rVB6	3160216	12561433	23.71%	1.045%
15	7.257	1084	1094	1100	rBV	1537278	3450653	6.51%	0.287%
16	7.470	1115	1129	1139	rBV	20246014	47969542	90.53%	3.991%
17	7.574	1139	1146	1151	rBV2	2929575	6010467	11.34%	0.500%
18	7.641	1151	1157	1166	rVB	3870260	7786260	14.69%	0.648%
19	7.732	1166	1172	1182	rVB	2807848	5349281	10.10%	0.445%
20	7.848	1182	1191	1199	rVB2	3245732	6864746	12.96%	0.571%
21	8.031	1215	1221	1237	rVB4	2078865	7666066	14.47%	0.638%
22	8.171	1237	1244	1247	rBV2	2144748	4258495	8.04%	0.354%
23	8.257	1254	1258	1263	rVB2	2958096	4464170	8.43%	0.371%
24	8.348	1267	1273	1277	rBV	13923652	24390308	46.03%	2.029%
25	8.385	1277	1279	1285	rVB	8249694	10899273	20.57%	0.907%
26	8.513	1294	1300	1304	rBV	14555113	25396319	47.93%	2.113%
27	8.580	1308	1311	1320	rVB5	2513906	4974485	9.39%	0.414%
28	8.671	1320	1326	1330	rBV3	7118356	14115158	26.64%	1.174%
29	8.842	1349	1354	1358	rVV	3260173	5936025	11.20%	0.494%
30	8.885	1358	1361	1363	rVV	2228476	3253575	6.14%	0.271%
31	8.909	1363	1365	1371	rVB	2155557	3101681	5.85%	0.258%
32	8.982	1371	1377	1383	rBV2	17180923	26477604	49.97%	2.203%
33	9.049	1383	1388	1399	rVB4	3879537	9490179	17.91%	0.790%
34	9.171	1404	1408	1413	rVB2	2576469	3878998	7.32%	0.323%

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Instrument : MSVOA_X
ClientSampleId : B-42RR

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Title : SW846 8260

35	9.226	1413	1417	1421	rBV2	3681941	5197440	9.81%	0.432%
36	9.445	1448	1453	1458	rBV	3466406	5231646	9.87%	0.435%
37	9.561	1468	1472	1479	rBV3	6171163	11655322	22.00%	0.970%
38	9.628	1479	1483	1487	rVB2	3867196	5150827	9.72%	0.429%
39	9.683	1487	1492	1495	rBV2	1912786	3789598	7.15%	0.315%
40	9.823	1508	1515	1520	rBV2	2849940	5794760	10.94%	0.482%
41	9.878	1520	1524	1529	rVV2	2890245	6338265	11.96%	0.527%
42	9.927	1529	1532	1534	rVV2	3122697	4598676	8.68%	0.383%
43	9.970	1534	1539	1544	rVV	14649181	22013989	41.55%	1.831%
44	10.073	1548	1556	1560	rVB	12382150	17649061	33.31%	1.468%
45	10.195	1573	1576	1582	rVV4	1711683	3684589	6.95%	0.307%
46	10.262	1582	1587	1591	rVV	14726704	20544878	38.77%	1.709%
47	10.323	1591	1597	1598	rVV3	1967111	3767845	7.11%	0.313%
48	10.366	1601	1604	1609	rVV2	4202509	7044938	13.30%	0.586%
49	10.421	1609	1613	1623	rVB3	4961430	9719418	18.34%	0.809%
50	10.646	1645	1650	1653	rBV	4217036	5463577	10.31%	0.455%
51	10.732	1658	1664	1669	rBV3	2470684	4404487	8.31%	0.366%
52	10.841	1674	1682	1685	rBV2	4294688	7717428	14.56%	0.642%
53	10.915	1685	1694	1698	rBV2	3384450	6096850	11.51%	0.507%
54	11.024	1706	1712	1716	rBV	4033621	6286680	11.86%	0.523%
55	11.085	1719	1722	1726	rBV2	2544470	3459848	6.53%	0.288%
56	11.146	1726	1732	1734	rBV2	4415235	7296340	13.77%	0.607%
57	11.171	1734	1736	1742	rVB2	5573056	8171574	15.42%	0.680%
58	11.250	1742	1749	1753	rBV	5345138	7236369	13.66%	0.602%
59	11.366	1764	1768	1778	rVB	15025319	19599637	36.99%	1.631%
60	11.463	1778	1784	1787	rBV	14565774	17598953	33.21%	1.464%
61	11.512	1787	1792	1795	rBV	4884806	6029886	11.38%	0.502%
62	11.677	1814	1819	1826	rBV4	2723872	5285947	9.98%	0.440%
63	11.817	1837	1842	1850	rVB	39354336	52986190	100.00%	4.408%
64	12.000	1868	1872	1875	rBV3	1901992	3042992	5.74%	0.253%
65	12.091	1880	1887	1891	rBV4	1972140	4186947	7.90%	0.348%
66	12.152	1891	1897	1901	rBV	18759439	24717840	46.65%	2.056%
67	12.311	1917	1923	1929	rBV	17310791	23981091	45.26%	1.995%
68	12.378	1929	1934	1941	rVB3	18196447	31700418	59.83%	2.637%
69	12.469	1941	1949	1954	rBV2	2068648	4383721	8.27%	0.365%
70	12.524	1954	1958	1965	rVB	8193701	10249096	19.34%	0.853%
71	12.597	1965	1970	1972	rBV	14157907	19657737	37.10%	1.635%

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Instrument : MSVOA_X
ClientSampleId : B-42RR

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : SW846 8260

72	12.622	1972	1974	1979	rVV	10048564	10682322	20.16%	0.889%
73	12.677	1979	1983	1987	rVV	25420125	33378830	63.00%	2.777%
74	12.707	1987	1988	1992	rVV	4042314	3982573	7.52%	0.331%
75	12.768	1992	1998	2005	rVB2	12394860	19475199	36.76%	1.620%
76	12.908	2018	2021	2025	rVB2	5735785	7032840	13.27%	0.585%
77	12.987	2025	2034	2037	rBV	16442456	21989343	41.50%	1.829%
78	13.030	2037	2041	2046	rVB	22262845	27194336	51.32%	2.262%
79	13.085	2046	2050	2052	rBV	4521618	5892773	11.12%	0.490%
80	13.231	2071	2074	2078	rVV	12660071	16426529	31.00%	1.367%
81	13.274	2078	2081	2084	rVB2	4501887	5181849	9.78%	0.431%
82	13.317	2084	2088	2091	rBV2	4847515	6473046	12.22%	0.539%
83	13.359	2091	2095	2100	rVV2	25242056	35675691	67.33%	2.968%
84	13.432	2104	2107	2112	rVB	5623611	6573137	12.41%	0.547%
85	13.487	2112	2116	2124	rVB3	4013191	6539911	12.34%	0.544%
86	13.567	2124	2129	2132	rBV2	4881110	6729346	12.70%	0.560%
87	13.609	2132	2136	2139	rVV	8231519	10710794	20.21%	0.891%
88	13.646	2139	2142	2148	rVV3	9243741	16997260	32.08%	1.414%
89	13.707	2149	2152	2153	rVV	2678492	3368231	6.36%	0.280%
90	13.731	2153	2156	2161	rVB2	8650893	12012876	22.67%	0.999%
91	13.841	2171	2174	2180	rBV	5236253	6550085	12.36%	0.545%
92	13.920	2184	2187	2192	rVB2	2334340	3618102	6.83%	0.301%
93	13.987	2192	2198	2203	rBV3	5418407	9120116	17.21%	0.759%
94	14.036	2203	2206	2209	rBV	3252395	3950005	7.45%	0.329%
95	14.140	2219	2223	2227	rBV2	8077794	9684292	18.28%	0.806%
96	14.280	2241	2246	2255	rBV	7166154	12462479	23.52%	1.037%
97	14.384	2260	2263	2269	rVV	2889717	4450935	8.40%	0.370%
98	14.438	2269	2272	2276	rVB	5039195	5559897	10.49%	0.463%
99	14.707	2311	2316	2325	rVB	15289371	21077154	39.78%	1.753%
100	14.847	2334	2339	2348	rVB	6371010	8431901	15.91%	0.701%

Sum of corrected areas: 1202014042

LSC Report - Integrated Chromatogram

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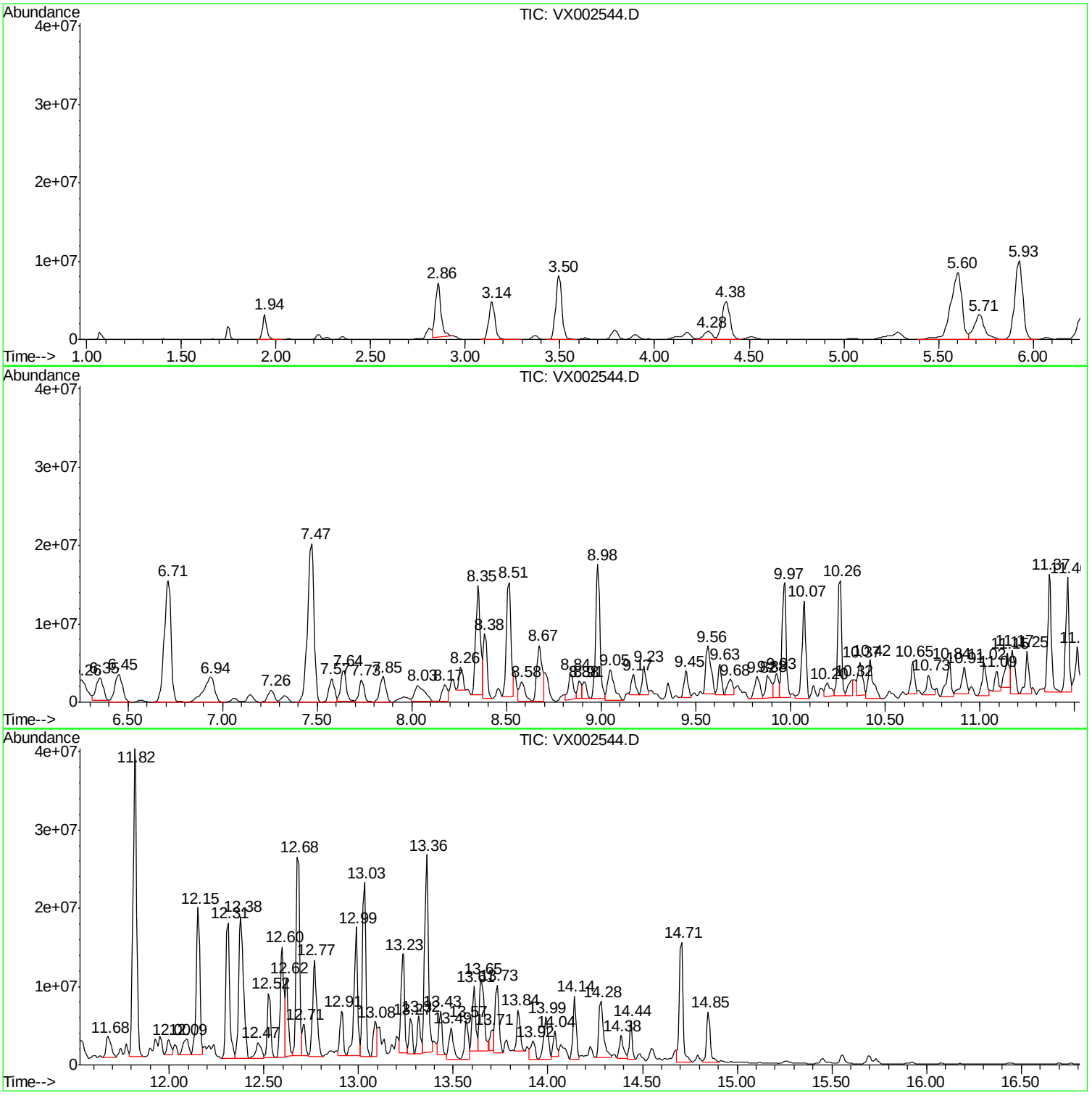
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : B-42RR

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

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

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	295.18 ug/l	24717800	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91

****

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	286.38 ug/l	23981100	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	50
5	Deltacyclene	118	C9H10	007785-10-6	42

****

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	234.75 ug/l	19657700	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94

****

Peak Number 4 Indan, 1-methyl- Concentration Rank 9

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

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Instrument : MSVOA_X
ClientSampleId : B-42RR

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.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.
12.77	232.57 ug/l	19475200	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83

****

Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	262.59 ug/l	21989300	1,4-Dichlorobenzene-d4	12.09

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	96
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93

****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	324.75 ug/l	27194300	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94

****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	426.04 ug/l	35675700	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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ClientSampleId : B-42RR

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260

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

1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70

****

Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	202.98 ug/l	16997300	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	80
2	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	46
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	46
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	45
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	42

****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	251.70 ug/l	21077200	1,4-Dichlorobenzene-d4	12.09

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	50

Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_X
ClientSampleId : B-42RR

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.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, 1,2,3-tr...	12.15	295.2	ug/l	24717800	4	12.09	4186950	50.0
Benzene, 1,4-diet...	12.31	286.4	ug/l	23981100	4	12.09	4186950	50.0
Benzene, 2-ethyl-...	12.60	234.8	ug/l	19657700	4	12.09	4186950	50.0
Indan, 1-methyl-	12.77	232.6	ug/l	19475200	4	12.09	4186950	50.0
Benzene, 1,2,3,4-...	12.99	262.6	ug/l	21989300	4	12.09	4186950	50.0
Benzene, 1,2,4,5-...	13.03	324.8	ug/l	27194300	4	12.09	4186950	50.0
1-Phenyl-1-butene	13.36	426.0	ug/l	35675700	4	12.09	4186950	50.0
Benzene, (2-methy...	13.65	203.0	ug/l	16997300	4	12.09	4186950	50.0
Naphthalene, 1-me...	14.71	251.7	ug/l	21077200	4	12.09	4186950	50.0