LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003861.D
Acq On : 03 Aug 2018 20:55
Operator : JC/MD
Sample : J4263-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0521

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\82X080318W.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	1.075	73	80	94	rBV	396214	533271	100.00%	6.598%
2	1.788	187	197	208	rBV	27890	39297	7.37%	0.486%
3	2.001	226	232	241	rVB	15654	21569	4.04%	0.267%
4	2.392	290	296	303	rBV	17712	36108	6.77%	0.447%
5	2.623	328	334	341	rBV	6150	11206	2.10%	0.139%
6	2.849	362	371	373	rBV	23986	53989	10.12%	0.668%
7	2.885	373	377	397	rVB	39353	95910	17.99%	1.187%
8	3.166	412	423	440	rBV2	97298	223830	41.97%	2.770%
9	4.135	573	582	595	rVB3	3682	11758	2.20%	0.145%
10	4.306	600	610	615	rBV2	4625	13761	2.58%	0.170%
11	4.397	615	625	639	rVB	95473	274514	51.48%	3.397%
12	4.550	639	650	657	rBV5	1684	5783	1.08%	0.072%
13	5.233	750	762	774	rBV2	6371	22730	4.26%	0.281%
14	5.507	794	807	812	rBV	56878	152501	28.60%	1.887%
15	5.580	812	819	826	rVV	60583	193024	36.20%	2.388%
16	5.665	826	833	856	rVB	83792	293310	55.00%	3.629%
17	5.940	866	878	890	rBV4	24432	85809	16.09%	1.062%
18	6.074	890	900	916	rVV	56477	147139	27.59%	1.821%
19	6.257	920	930	940	rVV2	28244	90880	17.04%	1.124%
20	6.360	940	947	954	rVV	27257	73907	13.86%	0.914%
21	6.452	954	962	974	rVB2	32862	89715	16.82%	1.110%
22	6.866	1020	1030	1048	rBV	122012	282539	52.98%	3.496%
23	7.464	1114	1128	1140	rBV	214844	495141	92.85%	6.127%
24	7.635	1151	1156	1162	rBV3	3031	6169	1.16%	0.076%
25	7.732	1166	1172	1180	rVV	18310	36184	6.79%	0.448%
26	7.848	1183	1191	1198	rVB2	11440	22952	4.30%	0.284%
27	8.031	1210	1221	1234	rVB3	13906	30133	5.65%	0.373%
28	8.390	1274	1280	1286	rVB3	10084	18585	3.49%	0.230%
29	8.665	1317	1325	1328	rBV2	26942	47382	8.89%	0.586%
30	8.720	1328	1334	1343	rVB	308147	485412	91.03%	6.006%
31	8.842	1348	1354	1359	rVV	25806	44056	8.26%	0.545%
32	8.915	1362	1366	1371	rVV2	6834	11241	2.11%	0.139%
33	9.043	1381	1387	1394	rVB	48340	78024	14.63%	0.965%
34	9.165	1399	1407	1413	rBV	19106	31020	5.82%	0.384%

LSC Area Percent Report

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Sample : J4263-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0521

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 : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Title : SW846 8260

35	9.573	1468	1474	1478	rBV2	13164	19594	3.67%	0.242%
36	9.622	1478	1482	1487	rVB	22485	31677	5.94%	0.392%
37	9.683	1487	1492	1496	rBV	19188	29031	5.44%	0.359%
38	9.896	1522	1527	1536	rVB	3178	5662	1.06%	0.070%
39	10.116	1557	1563	1569	rBV	259208	338181	63.42%	4.184%
40	10.189	1569	1575	1580	rVV	27795	40083	7.52%	0.496%
41	10.256	1580	1586	1591	rVV	35206	47573	8.92%	0.589%
42	10.360	1595	1603	1609	rVB2	46309	81831	15.35%	1.013%
43	10.518	1624	1629	1633	rBV	4342	6041	1.13%	0.075%
44	10.658	1642	1652	1657	rBV5	5018	11851	2.22%	0.147%
45	10.841	1678	1682	1687	rVB2	5006	6966	1.31%	0.086%
46	10.933	1690	1697	1702	rBV5	2227	5491	1.03%	0.068%
47	11.018	1706	1711	1725	rBV	43520	57581	10.80%	0.712%
48	11.140	1725	1731	1736	rBV	256277	315601	59.18%	3.905%
49	11.359	1762	1767	1775	rVV	105858	131362	24.63%	1.625%
50	11.457	1775	1783	1787	rVV	52919	95885	17.98%	1.186%
51	11.506	1787	1791	1797	rVB	91182	112477	21.09%	1.392%
52	11.670	1810	1818	1824	rVB	14279	18333	3.44%	0.227%
53	11.811	1836	1841	1846	rVB	253189	297731	55.83%	3.684%
54	11.920	1852	1859	1861	rBV	15377	21551	4.04%	0.267%
55	11.951	1861	1864	1872	rVB	44658	55395	10.39%	0.685%
56	12.030	1872	1877	1880	rBV	34902	43991	8.25%	0.544%
57	12.079	1880	1885	1891	rVV	325794	405049	75.96%	5.012%
58	12.146	1891	1896	1901	rVV	56312	66333	12.44%	0.821%
59	12.237	1906	1911	1914	rBV	13122	16377	3.07%	0.203%
60	12.304	1914	1922	1924	rBV	65888	84419	15.83%	1.045%
61	12.371	1929	1933	1942	rVB2	64656	99587	18.67%	1.232%
62	12.463	1942	1948	1953	rBV	28400	33507	6.28%	0.415%
63	12.518	1953	1957	1963	rBV	62369	78711	14.76%	0.974%
64	12.591	1963	1969	1971	rBV	63186	90795	17.03%	1.123%
65	12.609	1971	1972	1977	rVV	59710	58658	11.00%	0.726%
66	12.670	1977	1982	1985	rVV	94375	108655	20.38%	1.344%
67	12.701	1985	1987	1992	rVB	23432	28877	5.42%	0.357%
68	12.762	1992	1997	2004	rBV4	57858	111036	20.82%	1.374%
69	12.853	2009	2012	2015	rBV2	4907	5529	1.04%	0.068%
70	12.908	2015	2021	2026	rVB2	50584	69715	13.07%	0.863%
71	12.981	2026	2033	2036	rBV	54129	71251	13.36%	0.882%

LSC Area Percent Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0521

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Title : SW846 8260

72	13.024	2036	2040	2045	rVB	97477	122521	22.98%	1.516%
73	13.085	2045	2050	2055	rBV3	12224	21327	4.00%	0.264%
74	13.152	2058	2061	2065	rBV	6443	6851	1.28%	0.085%
75	13.195	2065	2068	2071	rBV2	13247	16934	3.18%	0.210%
76	13.225	2071	2073	2077	rVV	16127	17488	3.28%	0.216%
77	13.255	2077	2078	2083	rVB2	5926	7657	1.44%	0.095%
78	13.310	2083	2087	2089	rBV2	9818	13341	2.50%	0.165%
79	13.347	2089	2093	2099	rVB2	143665	191964	36.00%	2.375%
80	13.481	2111	2115	2121	rVB	51106	63397	11.89%	0.784%
81	13.566	2124	2129	2132	rVV3	7933	12686	2.38%	0.157%
82	13.603	2132	2135	2138	rVV	13602	18971	3.56%	0.235%
83	13.646	2138	2142	2146	rVV2	25778	47708	8.95%	0.590%
84	13.701	2146	2151	2152	rVV2	16743	25266	4.74%	0.313%
85	13.725	2152	2155	2162	rVB2	24967	38021	7.13%	0.470%
86	13.810	2165	2169	2171	rBV	5412	6633	1.24%	0.082%
87	13.853	2171	2176	2182	rVB2	10953	19747	3.70%	0.244%
88	13.914	2182	2186	2190	rBV	11025	13360	2.51%	0.165%
89	13.987	2190	2198	2202	rBV2	20037	28887	5.42%	0.357%
90	14.030	2202	2205	2209	rVB2	6852	8027	1.51%	0.099%
91	14.133	2217	2222	2225	rBV2	5579	7254	1.36%	0.090%
92	14.164	2225	2227	2235	rVB6	4988	6152	1.15%	0.076%
93	14.292	2235	2248	2252	rBV2	24818	43828	8.22%	0.542%
94	14.432	2267	2271	2275	rVB	6340	7598	1.42%	0.094%
95	14.542	2284	2289	2298	rBV2	27311	33222	6.23%	0.411%
96	14.700	2307	2315	2319	rBV	49230	62490	11.72%	0.773%
97	14.841	2333	2338	2347	rBV	41499	54500	10.22%	0.674%
98	15.273	2402	2409	2414	rVB2	4102	6755	1.27%	0.084%
99	15.554	2447	2455	2459	rBV	4001	6376	1.20%	0.079%
100	15.688	2468	2477	2481	rBV2	6615	11721	2.20%	0.145%

Sum of corrected areas: 8081918

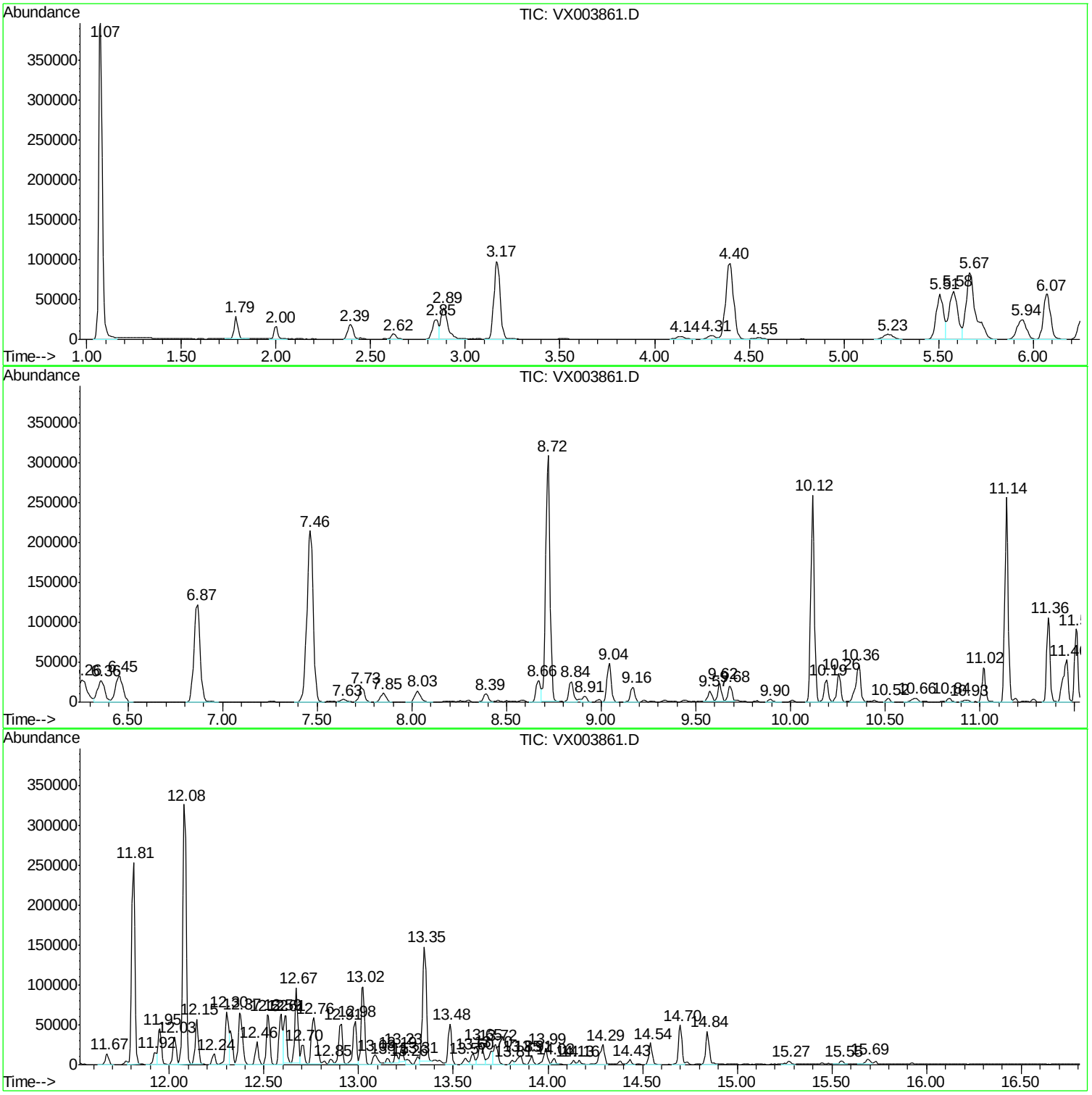
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003861.D
Acq On : 03 Aug 2018 20:55
Operator : JC/MD
Sample : J4263-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0521

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080518\
Data File : VX003861.D
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ClientSampleId : FL-0521

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260

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

****

Peak Number 1 Hexane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	16.35 ug/l	95910	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53
2	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	43
5	Pentane, 1-bromo-	150	C5H11Br	000110-53-2	39

****

Peak Number 2 Pentane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	38.16 ug/l	223830	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	64
4	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50

****

Peak Number 3 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	46.80 ug/l	274514	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	78
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50

****

Peak Number 4 Cyclopentane, 1,1-dimethyl- Concentration Rank 9

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0521

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.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.
5.94	14.63 ug/l	85809	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	76
2	1-Heptene	98	C7H14	000592-76-7	52
3	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	50
4	3-Heptene, (E)-	98	C7H14	014686-14-7	35
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35

****

Peak Number 5 Cyclopentane, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	15.49 ug/l	90880	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
5	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	64

****

Peak Number 6 Isopropylcyclobutane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	15.88 ug/l	89715	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	80

****

Peak Number 7 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	13.71 ug/l	111036	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0521

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260

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

1	Indan, 1-methyl-	132	C10H12	000767-58-8 70
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8 68
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7 68
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1 68
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0 68

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	15.12 ug/l	122521	1,4-Dichlorobenzene-d4	12.08

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	o-Cymene	134	C10H14	000527-84-4	96
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95

****

Peak Number 9 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	23.70 ug/l	191964	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	76
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70

Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_X
ClientSampleId : FL-0521

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.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
Hexane, 2,3-dimet...	2.89	16.4	ug/l	95910	1	5.67	293310	50.0
Pentane, 3-methyl-	3.17	38.2	ug/l	223830	1	5.67	293310	50.0
Cyclopentane, met...	4.40	46.8	ug/l	274514	1	5.67	293310	50.0
Cyclopentane, 1,1...	5.94	14.6	ug/l	85809	1	5.67	293310	50.0
Cyclopentane, 1,3...	6.26	15.5	ug/l	90880	1	5.67	293310	50.0
Isopropylcyclobutane	6.45	15.9	ug/l	89715	2	6.87	282539	50.0
Indan, 1-methyl-	12.76	13.7	ug/l	111036	4	12.08	405049	50.0
Benzene, 1,2,4,5-...	13.02	15.1	ug/l	122521	4	12.08	405049	50.0
Benzene, 1-ethyl-...	13.35	23.7	ug/l	191964	4	12.08	405049	50.0