LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003860.D
Acq On : 03 Aug 2018 20:28
Operator : JC/MD
Sample : J4263-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0523

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	1.069	67	79	94	rBV	390662	520541	96.58%	6.272%
2	1.416	128	136	137	rBV3	3860	8229	1.53%	0.099%
3	1.788	191	197	205	rVB	38852	52052	9.66%	0.627%
4	1.996	227	231	242	rVB	22703	32822	6.09%	0.395%
5	2.398	289	297	303	rBV	27548	55057	10.22%	0.663%
6	2.623	328	334	342	rBV	4212	7435	1.38%	0.090%
7	2.843	362	370	374	rBV	39320	87092	16.16%	1.049%
8	2.886	374	377	381	rVV2	29922	56840	10.55%	0.685%
9	2.928	381	384	396	rVB	23431	42387	7.86%	0.511%
10	3.166	414	423	435	rBV3	111661	259772	48.20%	3.130%
11	3.520	472	481	491	rVB	12906	29281	5.43%	0.353%
12	4.135	572	582	596	rVB	5702	17338	3.22%	0.209%
13	4.300	600	609	616	rBV3	7759	23593	4.38%	0.284%
14	4.398	616	625	637	rVB	48043	141317	26.22%	1.703%
15	4.544	639	649	660	rVB7	2108	8151	1.51%	0.098%
16	5.233	751	762	777	rVB	9214	33104	6.14%	0.399%
17	5.507	796	807	813	rBV2	52690	153875	28.55%	1.854%
18	5.580	813	819	825	rVB	27646	68137	12.64%	0.821%
19	5.666	825	833	840	rBV	70956	197824	36.70%	2.384%
20	5.946	866	879	889	rBV4	10843	36711	6.81%	0.442%
21	6.068	889	899	909	rBV	56079	145984	27.09%	1.759%
22	6.141	909	911	919	rVB2	3946	7789	1.45%	0.094%
23	6.257	919	930	932	rBV2	12204	25120	4.66%	0.303%
24	6.355	940	946	954	rVB2	11389	29925	5.55%	0.361%
25	6.452	954	962	972	rVB2	8467	23456	4.35%	0.283%
26	6.867	1020	1030	1039	rBV	119118	275332	51.09%	3.318%
27	7.458	1117	1127	1136	rBV2	38954	96715	17.94%	1.165%
28	7.635	1151	1156	1162	rVV	3744	7857	1.46%	0.095%
29	7.732	1162	1172	1182	rVV5	4810	11571	2.15%	0.139%
30	7.848	1184	1191	1198	rVB3	9468	18750	3.48%	0.226%
31	8.031	1213	1221	1231	rBV2	10792	25438	4.72%	0.307%
32	8.183	1239	1246	1250	rBV	2708	6519	1.21%	0.079%
33	8.391	1273	1280	1286	rBV2	6625	12573	2.33%	0.152%
34	8.671	1320	1326	1328	rBV4	6680	11178	2.07%	0.135%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003860.D
Acq On : 03 Aug 2018 20:28
Operator : JC/MD
Sample : J4263-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0523

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

35	8.720	1328	1334	1342	rVB	288181	447371	83.01%	5.391%
36	8.842	1348	1354	1358	rBV	14435	23262	4.32%	0.280%
37	9.043	1381	1387	1393	rVB	30671	48439	8.99%	0.584%
38	9.165	1398	1407	1413	rBV	10339	16751	3.11%	0.202%
39	9.573	1469	1474	1479	rBV3	7851	12106	2.25%	0.146%
40	9.677	1486	1491	1496	rBV	16057	26555	4.93%	0.320%
41	9.897	1521	1527	1533	rBV3	3731	5635	1.05%	0.068%
42	10.116	1557	1563	1569	rBV	251886	329465	61.13%	3.970%
43	10.189	1569	1575	1579	rVB	8786	13071	2.43%	0.158%
44	10.256	1579	1586	1595	rBV	412659	538957	100.00%	6.494%
45	10.366	1595	1604	1609	rVV	234265	319423	59.27%	3.849%
46	10.646	1642	1650	1656	rBV4	5720	14261	2.65%	0.172%
47	10.701	1656	1659	1666	rVB2	4764	7142	1.33%	0.086%
48	10.842	1678	1682	1687	rVB2	4735	6980	1.30%	0.084%
49	10.921	1690	1695	1701	rBV7	3729	6709	1.24%	0.081%
50	11.018	1706	1711	1717	rBV	114786	144866	26.88%	1.746%
51	11.140	1725	1731	1736	rBV	256782	315914	58.62%	3.807%
52	11.256	1745	1750	1752	rBV3	4593	6570	1.22%	0.079%
53	11.360	1762	1767	1778	rVV	162774	208109	38.61%	2.508%
54	11.457	1778	1783	1788	rVV	96378	116241	21.57%	1.401%
55	11.671	1808	1818	1827	rBV	347094	428220	79.45%	5.160%
56	11.762	1827	1833	1836	rVV5	3208	6485	1.20%	0.078%
57	11.811	1836	1841	1846	rVB	355665	417272	77.42%	5.028%
58	11.921	1851	1859	1861	rBV	10916	18218	3.38%	0.220%
59	11.951	1861	1864	1871	rVB	32250	41500	7.70%	0.500%
60	12.079	1879	1885	1891	rBV	320598	414226	76.86%	4.991%
61	12.146	1891	1896	1901	rVB	366838	434850	80.68%	5.240%
62	12.238	1906	1911	1914	rBV	11650	14862	2.76%	0.179%
63	12.305	1914	1922	1928	rBV	157608	209975	38.96%	2.530%
64	12.366	1928	1932	1943	rVB2	29937	51747	9.60%	0.624%
65	12.463	1943	1948	1953	rBV	29797	36569	6.79%	0.441%
66	12.518	1953	1957	1963	rBV	40867	50433	9.36%	0.608%
67	12.591	1963	1969	1971	rBV	18662	26883	4.99%	0.324%
68	12.610	1971	1972	1976	rVB	15156	13978	2.59%	0.168%
69	12.670	1976	1982	1985	rBV	27009	33914	6.29%	0.409%
70	12.701	1985	1987	1992	rVV	23138	28106	5.21%	0.339%
71	12.756	1992	1996	2003	rVB2	57849	89463	16.60%	1.078%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
Data File : VX003860.D
Acq On : 03 Aug 2018 20:28
Operator : JC/MD
Sample : J4263-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0523

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

72	12.902	2015	2020	2025	rVB3	24537	35290	6.55%	0.425%
73	12.981	2025	2033	2036	rBV	48979	65472	12.15%	0.789%
74	13.018	2036	2039	2045	rVB	66266	83782	15.55%	1.010%
75	13.085	2045	2050	2056	rVB3	9627	14031	2.60%	0.169%
76	13.152	2056	2061	2065	rBV2	5287	8166	1.52%	0.098%
77	13.201	2065	2069	2071	rBV2	11848	15246	2.83%	0.184%
78	13.225	2071	2073	2077	rVB	9686	10075	1.87%	0.121%
79	13.311	2083	2087	2089	rBV	7927	10366	1.92%	0.125%
80	13.347	2089	2093	2098	rVV2	101862	139285	25.84%	1.678%
81	13.481	2110	2115	2120	rVB	34651	43107	8.00%	0.519%
82	13.567	2124	2129	2132	rBV3	5511	8583	1.59%	0.103%
83	13.603	2132	2135	2138	rVV	9308	12993	2.41%	0.157%
84	13.640	2138	2141	2146	rVV3	17956	33033	6.13%	0.398%
85	13.701	2146	2151	2152	rVV2	10225	15956	2.96%	0.192%
86	13.725	2152	2155	2161	rVB2	16113	24615	4.57%	0.297%
87	13.835	2164	2173	2182	rBV	89975	121980	22.63%	1.470%
88	13.914	2182	2186	2191	rBV2	12166	17712	3.29%	0.213%
89	13.987	2191	2198	2202	rBV2	11363	16227	3.01%	0.196%
90	14.030	2202	2205	2209	rBV2	4749	5803	1.08%	0.070%
91	14.134	2217	2222	2225	rBV2	4862	6187	1.15%	0.075%
92	14.274	2240	2245	2252	rVB2	9467	14962	2.78%	0.180%
93	14.432	2267	2271	2275	rVB2	5438	6832	1.27%	0.082%
94	14.542	2284	2289	2294	rBV2	17371	22596	4.19%	0.272%
95	14.701	2304	2315	2319	rBV	19719	32221	5.98%	0.388%
96	14.841	2333	2338	2344	rBV	55506	72801	13.51%	0.877%
97	15.554	2449	2455	2459	rBV	4497	7341	1.36%	0.088%

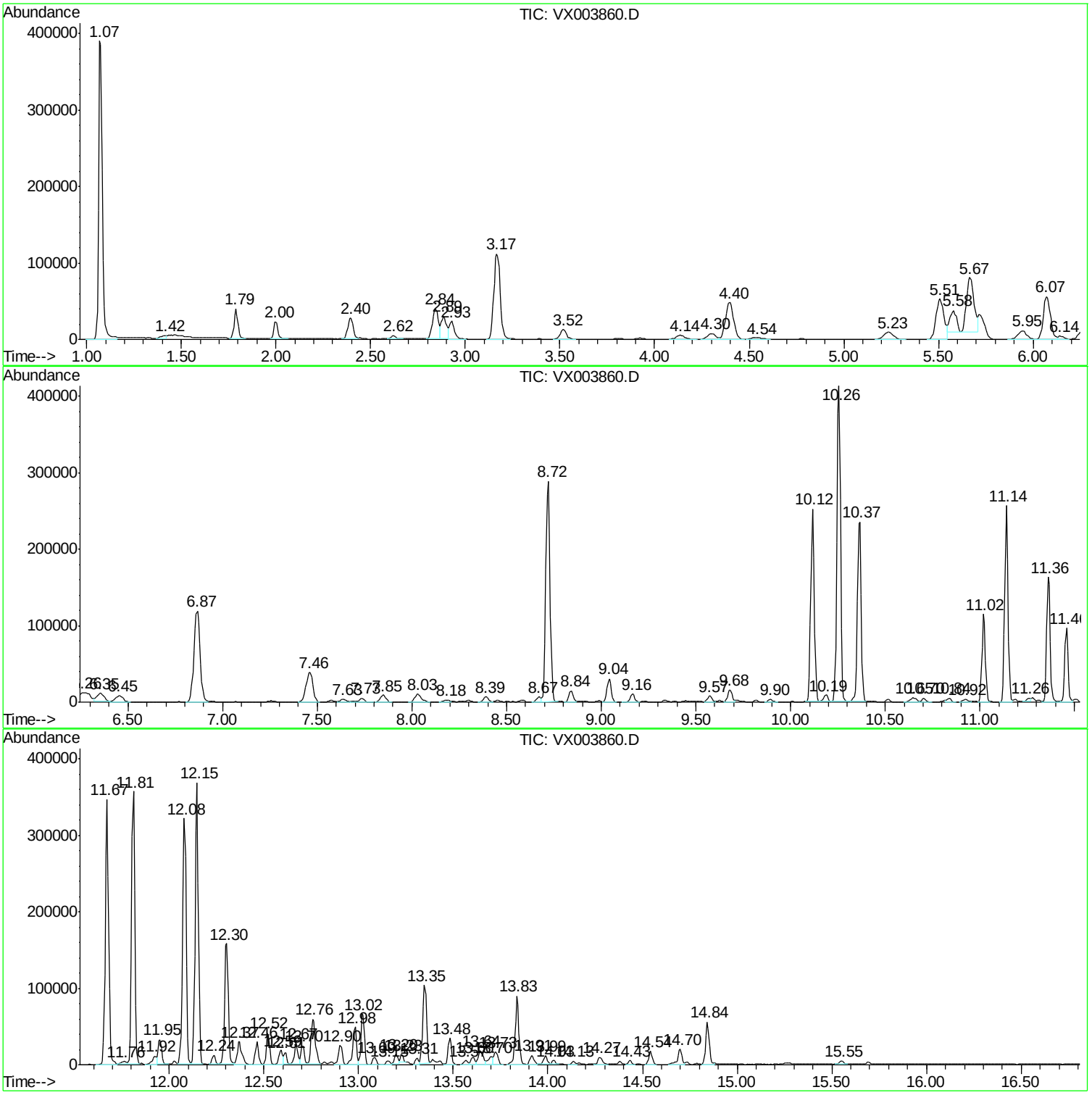
Sum of corrected areas: 8298955

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080518\
Data File : VX003860.D
Acq On : 03 Aug 2018 20:28
Operator : JC/MD
Sample : J4263-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0523

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 : VX003860.D
Acq On : 03 Aug 2018 20:28
Operator : JC/MD
Sample : J4263-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0523

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 Butane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	13.16 ug/l	52052	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	28
4	1-Butene	56	C4H8	000106-98-9	11
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10

****

Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	22.01 ug/l	87092	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
3	Tetrahydrofuran	72	C4H8O	000109-99-9	38
4	Pentane	72	C5H12	000109-66-0	38
5	1-Pentene	70	C5H10	000109-67-1	33

****

Peak Number 3 1-Butanol, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	14.37 ug/l	56840	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	64
2	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	50
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	45
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	42

****

Peak Number 4 Pentane, 3-methyl- Concentration Rank 2

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080518\
Data File : VX003860.D
Acq On : 03 Aug 2018 20:28
Operator : JC/MD
Sample : J4263-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0523

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.
3.17	65.66 ug/l	259772	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	64
3	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	50
4	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45

****

Peak Number 5 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	35.72 ug/l	141317	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	39

****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	51.69 ug/l	428220	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	52.49 ug/l	434850	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080518\
Data File : VX003860.D
Acq On : 03 Aug 2018 20:28
Operator : JC/MD
Sample : J4263-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0523

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	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 91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4 91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8 87

****

Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	25.35 ug/l	209975	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58

****

Peak Number 9 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	16.81 ug/l	139285	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	80
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080518\
Data File : VX003860.D
Acq On : 03 Aug 2018 20:28
Operator : JC/MD
Sample : J4263-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0523

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
Butane, 2-methyl-	1.79	13.2	ug/l	52052	1	5.67	197824	50.0
Butane, 2,3-dimet...	2.84	22.0	ug/l	87092	1	5.67	197824	50.0
1-Butanol, 2,3-di...	2.89	14.4	ug/l	56840	1	5.67	197824	50.0
Pentane, 3-methyl-	3.17	65.7	ug/l	259772	1	5.67	197824	50.0
Cyclopentane, met...	4.40	35.7	ug/l	141317	1	5.67	197824	50.0
Benzene, 1-ethyl-...	11.67	51.7	ug/l	428220	4	12.08	414226	50.0
Benzene, 1,2,3-tr...	12.15	52.5	ug/l	434850	4	12.08	414226	50.0
Benzene, 1-etheny...	12.30	25.4	ug/l	209975	4	12.08	414226	50.0
3-Phenylbut-1-ene	13.35	16.8	ug/l	139285	4	12.08	414226	50.0