LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002428.D
Acq On : 09 Jun 2018 18:22
Operator : JC/MD
Sample : J3394-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-03

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	1.075	76	80	93	rBV	889343	1185771	14.90%	2.422%
2	1.270	108	112	118	rBV	104098	136995	1.72%	0.280%
3	5.507	794	807	815	rBV	140560	404471	5.08%	0.826%
4	5.666	825	833	853	rVB	212955	598936	7.53%	1.224%
5	6.074	889	900	915	rBV2	158244	416687	5.24%	0.851%
6	6.867	1019	1030	1041	rBV	316196	734772	9.23%	1.501%
7	7.464	1117	1128	1137	rBV2	77136	176934	2.22%	0.361%
8	8.720	1328	1334	1343	rVB	772425	1199122	15.07%	2.450%
9	10.116	1557	1563	1571	rBV	675432	921949	11.58%	1.883%
10	10.646	1639	1650	1658	rBV5	27693	82664	1.04%	0.169%
11	11.024	1706	1712	1716	rBV	573459	740940	9.31%	1.514%
12	11.140	1726	1731	1736	rBV	675484	831090	10.44%	1.698%
13	11.366	1762	1768	1778	rBV	462527	599278	7.53%	1.224%
14	11.774	1826	1835	1838	rBV	72537	103127	1.30%	0.211%
15	11.927	1851	1860	1861	rBV	117214	164671	2.07%	0.336%
16	11.951	1861	1864	1869	rVB	353931	421868	5.30%	0.862%
17	12.085	1880	1886	1891	rBV	747676	967954	12.16%	1.977%
18	12.238	1906	1911	1917	rVB	173524	214032	2.69%	0.437%
19	12.305	1917	1922	1927	rBV	739904	894502	11.24%	1.827%
20	12.372	1928	1933	1943	rVB2	265014	500040	6.28%	1.022%
21	12.463	1943	1948	1953	rBV	391729	477442	6.00%	0.975%
22	12.670	1977	1982	1986	rBV	1490244	1891467	23.77%	3.864%
23	12.707	1986	1988	1992	rVV	519529	544321	6.84%	1.112%
24	12.762	1992	1997	2004	rVV2	1355030	2153268	27.06%	4.399%
25	12.902	2012	2020	2024	rVB2	231890	385069	4.84%	0.787%
26	12.981	2024	2033	2038	rBV	1251055	1600862	20.11%	3.270%
27	13.085	2046	2050	2057	rVB2	172295	261110	3.28%	0.533%
28	13.152	2057	2061	2065	rBV	163064	239877	3.01%	0.490%
29	13.201	2065	2069	2071	rVV	258264	307737	3.87%	0.629%
30	13.231	2071	2074	2083	rVB	376555	521377	6.55%	1.065%
31	13.347	2083	2093	2100	rBV2	3533766	5332341	67.00%	10.894%
32	13.432	2100	2107	2109	rBV2	135325	216731	2.72%	0.443%
33	13.487	2112	2116	2123	rVB	112430	174388	2.19%	0.356%
34	13.567	2125	2129	2132	rBV2	130550	187926	2.36%	0.384%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : SW846 8260

35	13.603	2132	2135	2138	rVV	217433	281161	3.53%	0.574%
36	13.646	2138	2142	2146	rVV2	486049	666181	8.37%	1.361%
37	13.707	2146	2152	2153	rVV3	294302	522068	6.56%	1.067%
38	13.725	2153	2155	2164	rVB3	497087	845450	10.62%	1.727%
39	13.810	2164	2169	2173	rBV	152561	199487	2.51%	0.408%
40	13.859	2173	2177	2181	rVB	216955	269002	3.38%	0.550%
41	13.914	2181	2186	2191	rVB	342935	462128	5.81%	0.944%
42	13.987	2191	2198	2202	rBV2	506723	789513	9.92%	1.613%
43	14.036	2202	2206	2210	rBV2	164455	203673	2.56%	0.416%
44	14.134	2218	2222	2225	rBV2	152983	216767	2.72%	0.443%
45	14.164	2225	2227	2231	rVB	117298	134216	1.69%	0.274%
46	14.292	2241	2248	2255	rVB	838113	1413204	17.76%	2.887%
47	14.384	2259	2263	2267	rVB	178663	210705	2.65%	0.430%
48	14.438	2267	2272	2276	rVB2	214196	280860	3.53%	0.574%
49	14.481	2276	2279	2284	rVB	87740	110404	1.39%	0.226%
50	14.542	2284	2289	2294	rBV2	747187	1018234	12.79%	2.080%
51	14.676	2308	2311	2317	rBV3	136043	203300	2.55%	0.415%
52	14.737	2317	2321	2325	rVB	153140	182475	2.29%	0.373%
53	14.847	2333	2339	2344	rBV	6432911	7958792	100.00%	16.259%
54	14.908	2347	2349	2353	rVB3	68858	87454	1.10%	0.179%
55	14.975	2353	2360	2366	rBV7	45402	119823	1.51%	0.245%
56	15.255	2400	2406	2414	rVV3	120235	232645	2.92%	0.475%
57	15.450	2433	2438	2441	rBV	298422	417619	5.25%	0.853%
58	15.481	2441	2443	2448	rVB	155591	206273	2.59%	0.421%
59	15.554	2448	2455	2461	rBV	993507	1520728	19.11%	3.107%
60	15.694	2469	2478	2481	rBV	1234709	1977410	24.85%	4.040%
61	15.731	2481	2484	2492	rVB	910974	1291817	16.23%	2.639%
62	15.816	2492	2498	2504	rBV2	76754	138232	1.74%	0.282%
63	15.920	2505	2515	2526	rVB	318788	849405	10.67%	1.735%
64	16.078	2535	2541	2553	rVB	150520	268000	3.37%	0.548%
65	16.286	2567	2575	2581	rVB2	43841	97149	1.22%	0.198%
66	16.700	2638	2643	2648	rVB2	50020	93259	1.17%	0.191%
67	16.761	2648	2653	2657	rBV2	43840	92106	1.16%	0.188%

Sum of corrected areas: 48949259

LSC Report - Integrated Chromatogram

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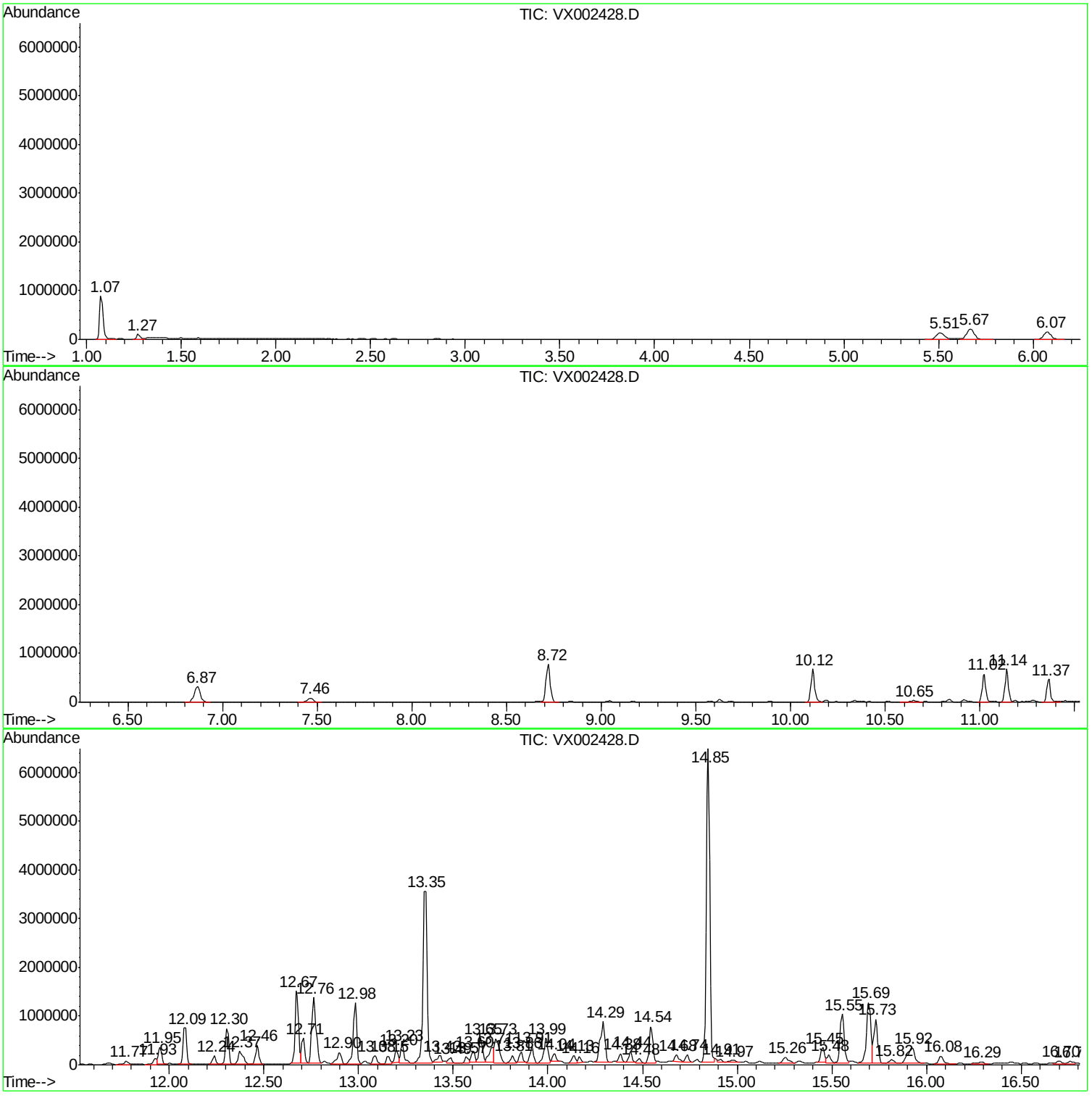
Instrument : MSVOA_X
ClientSampleId : W-03

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	97.70 ug/l	1891470	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	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95

****

Peak Number 2 Benzene, (2-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	111.23 ug/l	2153270	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76

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Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	82.69 ug/l	1600860	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	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93

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Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-03

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.
14.29	73.00 ug/l	1413200	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64

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Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	411.11 ug/l	7958790	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	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	64

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Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	78.55 ug/l	1520730	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96

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Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	102.14 ug/l	1977410	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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TIC Integration Parameters: LSCINT.P

1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1 97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8 97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0 97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9 97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4 97

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Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	66.73 ug/l	1291820	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96

Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-ethyl-...	12.67	97.7	ug/l	1891470	4	12.09	967954	50.0
Benzene, (2-methy...	12.76	111.2	ug/l	2153270	4	12.09	967954	50.0
Benzene, 1,2,3,4-...	12.98	82.7	ug/l	1600860	4	12.09	967954	50.0
Naphthalene, 1,2,...	14.29	73.0	ug/l	1413200	4	12.09	967954	50.0
Naphthalene, 1-me...	14.85	411.1	ug/l	7958790	4	12.09	967954	50.0
Naphthalene, 1,7-...	15.55	78.5	ug/l	1520730	4	12.09	967954	50.0
Naphthalene, 2,7-...	15.69	102.1	ug/l	1977410	4	12.09	967954	50.0
Naphthalene, 1,6-...	15.73	66.7	ug/l	1291820	4	12.09	967954	50.0