LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
Data File : VX000740.D
Acq On : 08 Apr 2018 19:03
Operator : JC/MD
Sample : J2216-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW27S-GW

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 : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.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	1.081	76	81	88	rBV	1911192	2383361	11.37%	2.720%
2	1.294	111	116	129	rBV	118880	251240	1.20%	0.287%
3	5.513	796	808	824	rBV2	164099	482423	2.30%	0.551%
4	5.672	824	834	855	rVB	277514	798967	3.81%	0.912%
5	6.080	891	901	904	rBV	155830	384043	1.83%	0.438%
6	6.159	904	914	956	rVV	7847264	20953026	100.00%	23.913%
7	6.873	1020	1031	1058	rBV	405233	984635	4.70%	1.124%
8	8.720	1327	1334	1341	rBV	768219	1262003	6.02%	1.440%
9	8.793	1341	1346	1360	rVB	173773	285672	1.36%	0.326%
10	10.122	1558	1564	1579	rBV	839642	1195533	5.71%	1.364%
11	10.256	1579	1586	1596	rVV	3014493	4229679	20.19%	4.827%
12	10.366	1596	1604	1616	rVB	396786	626927	2.99%	0.715%
13	10.707	1656	1660	1669	rVB	503677	659565	3.15%	0.753%
14	11.024	1706	1712	1717	rBV	663698	847878	4.05%	0.968%
15	11.146	1726	1732	1742	rBV	804829	1047879	5.00%	1.196%
16	11.366	1763	1768	1776	rBV	162636	233994	1.12%	0.267%
17	11.677	1813	1819	1827	rBV	242154	358530	1.71%	0.409%
18	11.811	1836	1841	1848	rBV	698886	886217	4.23%	1.011%
19	12.085	1880	1886	1892	rVB	1167209	1514017	7.23%	1.728%
20	12.305	1914	1922	1930	rBV	7986889	9899410	47.25%	11.298%
21	12.475	1944	1950	1955	rBV	719205	884594	4.22%	1.010%
22	12.762	1992	1997	2004	rBV	547279	673299	3.21%	0.768%
23	12.951	2023	2028	2032	rBV	2442160	2956588	14.11%	3.374%
24	13.030	2036	2041	2050	rVV	3387625	5787173	27.62%	6.605%
25	13.353	2083	2094	2099	rBV3	299040	449860	2.15%	0.513%
26	13.487	2111	2116	2122	rBV	210519	278345	1.33%	0.318%
27	13.847	2166	2175	2181	rBV	12249490	17148879	81.84%	19.572%
28	13.932	2181	2189	2196	rVV	1589888	2499638	11.93%	2.853%
29	14.444	2268	2273	2278	rVB	313113	425894	2.03%	0.486%
30	14.664	2306	2309	2313	rVB	241626	270234	1.29%	0.308%
31	14.847	2334	2339	2352	rVB	3187697	4012824	19.15%	4.580%
32	15.280	2406	2410	2415	rVB	286754	386058	1.84%	0.441%
33	15.560	2449	2456	2460	rBV	205902	341269	1.63%	0.389%
34	15.700	2468	2479	2482	rBV	308807	554930	2.65%	0.633%

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35	15.737	2482	2485	2492	rVB	151962	217582	1.04%	0.248%
36	15.920	2506	2515	2527	rVB2	97118	263042	1.26%	0.300%
37	16.426	2590	2598	2607	rBV	649705	1186042	5.66%	1.354%

Sum of corrected areas: 87621250

LSC Report - Integrated Chromatogram

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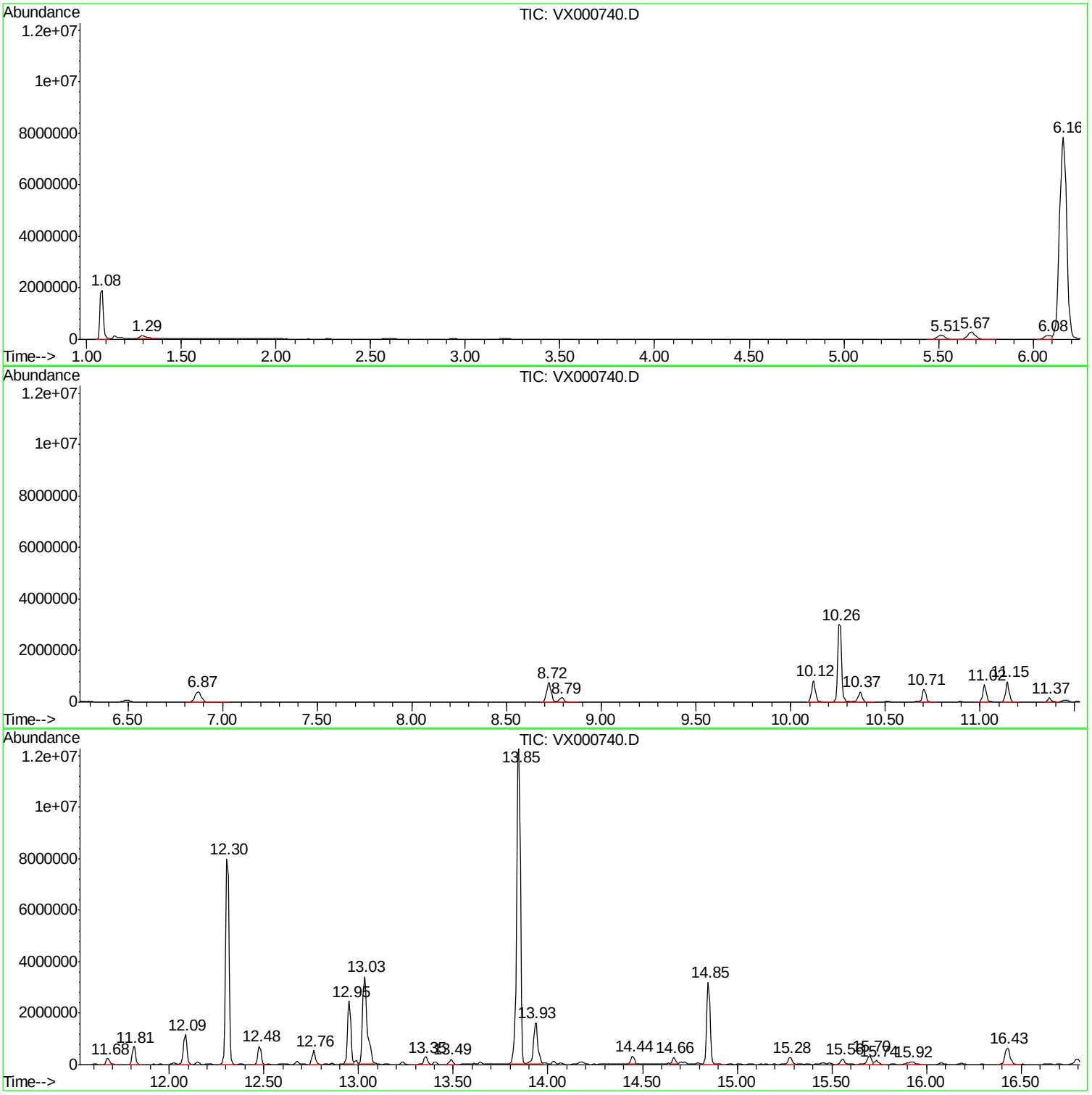
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260

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

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Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	326.93 ug/l	9899410	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74

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Peak Number 2 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	29.21 ug/l	884594	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90

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Peak Number 3 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	22.24 ug/l	673299	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87

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Peak Number 4 3-Phenyl-2-propyn-1-ol Concentration Rank 5

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

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Quant Title : SW846 8260

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.95	97.64 ug/l	2956590	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87

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Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	191.12 ug/l	5787170	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90

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Peak Number 6 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	82.55 ug/l	2499640	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	45
5	2H-Benzimidazol-2-one, 1,3-dihydro-	134	C7H6N2O	000615-16-7	45

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Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	132.52 ug/l	4012820	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-methyl-	142 C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142 C11H10	000090-12-0	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	59

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Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	18.33 ug/l	554930	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97

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Peak Number 9 Acenaphthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	39.17 ug/l	1186040	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	89
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
3	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	53
4	Biphenyl	154	C12H10	000092-52-4	43
5	Propanedinitrile, 2,4,6-cyclohep...	154	C10H6N2	002860-54-0	27

Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	12.30	326.9	ug/l	9899410	4	12.09	1514020	50.0
Indene	12.48	29.2	ug/l	884594	4	12.09	1514020	50.0
Benzene, 1-etheny...	12.76	22.2	ug/l	673299	4	12.09	1514020	50.0
3-Phenyl-2-propyn...	12.95	97.6	ug/l	2956590	4	12.09	1514020	50.0
Benzofuran, 7-met...	13.03	191.1	ug/l	5787170	4	12.09	1514020	50.0
Benzo[c]thiophene	13.93	82.5	ug/l	2499640	4	12.09	1514020	50.0
Naphthalene, 1-me...	14.85	132.5	ug/l	4012820	4	12.09	1514020	50.0
Naphthalene, 2,7-...	15.70	18.3	ug/l	554930	4	12.09	1514020	50.0
Acenaphthene	16.43	39.2	ug/l	1186040	4	12.09	1514020	50.0