LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
Data File : VX000726.D
Acq On : 08 Apr 2018 13:06
Operator : JC/MD
Sample : J2173-03 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-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	1.075	76	80	94	rBV	1707659	1939656	6.78%	2.840%
2	5.513	795	808	817	rBV2	168193	482791	1.69%	0.707%
3	5.672	824	834	853	rVB	293115	826133	2.89%	1.209%
4	6.080	890	901	906	rBV	168447	442385	1.55%	0.648%
5	6.153	906	913	931	rVB	685388	1789849	6.25%	2.620%
6	6.873	1020	1031	1052	rBV	416709	1019352	3.56%	1.492%
7	8.720	1328	1334	1341	rBV	814898	1328072	4.64%	1.944%
8	8.793	1341	1346	1361	rVB	437178	718829	2.51%	1.052%
9	10.122	1558	1564	1579	rVB	840683	1233872	4.31%	1.806%
10	10.256	1580	1586	1596	rVV	1440115	1967904	6.88%	2.881%
11	10.366	1596	1604	1622	rVB	1743282	2402441	8.40%	3.517%
12	10.707	1655	1660	1679	rVB	1264554	1718211	6.00%	2.515%
13	11.146	1726	1732	1744	rBV	823343	1096778	3.83%	1.606%
14	11.439	1776	1780	1782	rBV	223691	300211	1.05%	0.439%
15	11.512	1788	1792	1798	rVB	416487	499853	1.75%	0.732%
16	11.811	1836	1841	1847	rBV	972982	1240043	4.33%	1.815%
17	12.024	1870	1876	1881	rBV	2537830	3268753	11.42%	4.785%
18	12.085	1881	1886	1892	rVB	1160625	1449387	5.06%	2.122%
19	12.152	1892	1897	1901	rBV	312948	396475	1.39%	0.580%
20	12.305	1917	1922	1930	rVB	4624661	5842912	20.42%	8.554%
21	12.475	1945	1950	1956	rBV	958096	1148954	4.01%	1.682%
22	12.951	2023	2028	2032	rBV	460555	557356	1.95%	0.816%
23	13.030	2036	2041	2045	rBV	1085008	1579397	5.52%	2.312%
24	13.359	2084	2095	2099	rBV2	315177	427200	1.49%	0.625%
25	13.487	2109	2116	2122	rBV	225898	296182	1.03%	0.434%
26	13.847	2166	2175	2180	rBV	21372660	28616703	100.00%	41.893%
27	13.932	2180	2189	2195	rVV	1520738	2068369	7.23%	3.028%
28	14.707	2311	2316	2325	rVB	1013705	1380274	4.82%	2.021%
29	14.847	2334	2339	2352	rVB	1434569	1806807	6.31%	2.645%
30	16.426	2591	2598	2609	rVB	249304	464522	1.62%	0.680%

Sum of corrected areas: 68309671

LSC Report - Integrated Chromatogram

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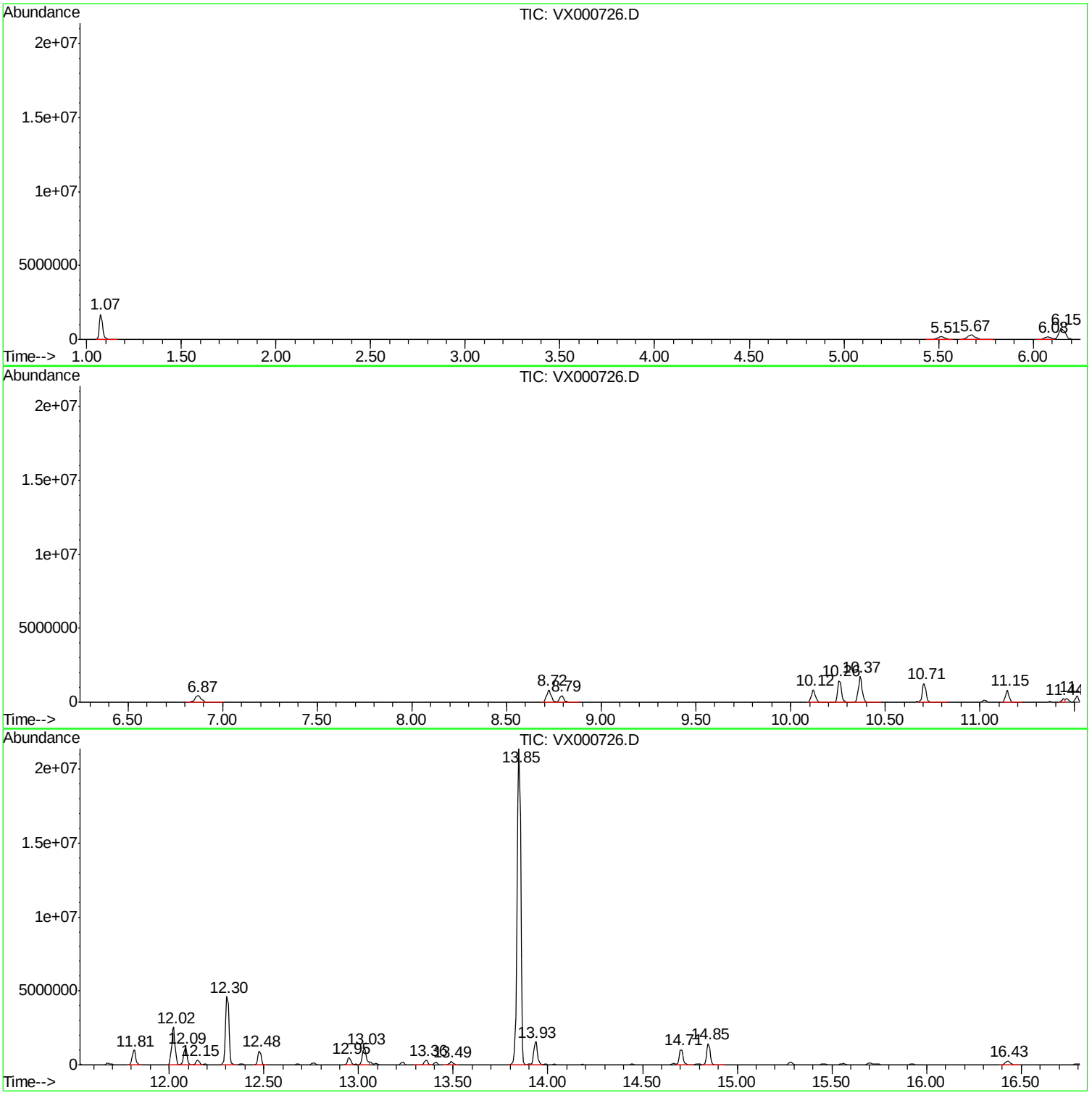
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

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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Peak Number 1 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	112.76 ug/l	3268750	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	86
3	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	59
4	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	42
5	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	42

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Peak Number 2 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	201.57 ug/l	5842910	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	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64

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Peak Number 3 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	39.64 ug/l	1148950	1,4-Dichlorobenzene-d4	12.09

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

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Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 9

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

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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : QNWP8-MW30D-GW

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.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.
12.95	19.23 ug/l	557356	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87

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Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	54.49 ug/l	1579400	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	90
4	4-Aminobenzyl cyanide	132	C8H8N2	003544-25-0	86
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86

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Peak Number 6 Benzo[c]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	71.35 ug/l	2068370	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	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64
5	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	45

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	47.62 ug/l	1380270	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64

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Peak Number 8 Acenaphthene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	16.02 ug/l	464522	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	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	45
5	Biphenyl	154	C12H10	000092-52-4	43

Tentatively Identified Compound (LSC) summary

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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
Benzofuran	12.02	112.8	ug/l	3268750	4	12.09	1449390	50.0
Indane	12.30	201.6	ug/l	5842910	4	12.09	1449390	50.0
Indene	12.48	39.6	ug/l	1148950	4	12.09	1449390	50.0
Benzofuran, 2-met...	12.95	19.2	ug/l	557356	4	12.09	1449390	50.0
Benzofuran, 7-met...	13.03	54.5	ug/l	1579400	4	12.09	1449390	50.0
Benzo[c]thiophene	13.93	71.3	ug/l	2068370	4	12.09	1449390	50.0
Naphthalene, 1-me...	14.71	47.6	ug/l	1380270	4	12.09	1449390	50.0
Acenaphthene	16.43	16.0	ug/l	464522	4	12.09	1449390	50.0