LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025778.D
Acq On : 01 Aug 2018 15:55
Operator : MD/SY
Sample : J4262-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GW-04

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_U\METHOD\82U072718W.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	1.092	139	156	180	rBV	832981	926815	9.82%	2.742%
2	4.889	1319	1337	1353	rBV	194419	438534	4.65%	1.297%
3	4.989	1353	1368	1388	rVB	261608	573733	6.08%	1.697%
4	5.313	1452	1469	1482	rBV	189496	404548	4.29%	1.197%
5	5.394	1483	1494	1515	rVB	139463	299944	3.18%	0.887%
6	5.892	1633	1649	1674	rBV	381384	744842	7.89%	2.203%
7	7.571	2156	2171	2186	rBV	689534	1211973	12.85%	3.585%
8	9.091	2631	2644	2665	rBV	572276	949903	10.07%	2.810%
9	9.252	2681	2694	2711	rBV	76777	122846	1.30%	0.363%
10	9.381	2718	2734	2748	rBV2	60519	104607	1.11%	0.309%
11	10.169	2967	2979	3001	rVB	166244	265198	2.81%	0.784%
12	10.310	3011	3023	3042	rBV	599953	943322	10.00%	2.790%
13	10.976	3219	3230	3248	rVB	102724	166595	1.77%	0.493%
14	11.149	3270	3284	3297	rVB	65305	110330	1.17%	0.326%
15	11.487	3378	3389	3400	rBV	766586	1217788	12.91%	3.602%
16	11.574	3408	3416	3426	rVB	103179	159032	1.69%	0.470%
17	11.770	3463	3477	3498	rBV	4281392	6677888	70.78%	19.754%
18	11.982	3533	3543	3557	rVB	244324	383219	4.06%	1.134%
19	12.252	3613	3627	3636	rBV	85147	141764	1.50%	0.419%
20	12.358	3649	3660	3679	rBV	170943	305695	3.24%	0.904%
21	12.596	3726	3734	3743	rBV	106508	155844	1.65%	0.461%
22	12.702	3758	3767	3785	rVB2	134471	289453	3.07%	0.856%
23	12.966	3841	3849	3858	rBV	119856	165782	1.76%	0.490%
24	13.123	3878	3898	3909	rBV2	242404	428080	4.54%	1.266%
25	13.188	3910	3918	3929	rVB2	98203	155290	1.65%	0.459%
26	13.294	3940	3951	3970	rVB2	241071	422876	4.48%	1.251%
27	13.509	4010	4018	4025	rBV2	64611	97246	1.03%	0.288%
28	13.744	4072	4091	4116	rBV	5909642	9434458	100.00%	27.908%
29	13.863	4117	4128	4137	rBV	146294	234084	2.48%	0.692%
30	14.342	4266	4277	4290	rBV7	68512	173109	1.83%	0.512%
31	14.477	4303	4319	4329	rBV5	65597	149258	1.58%	0.442%
32	14.538	4329	4338	4352	rVB6	76047	150620	1.60%	0.446%
33	14.824	4417	4427	4433	rBV	82945	126324	1.34%	0.374%
34	14.879	4433	4444	4454	rVV	711293	1143839	12.12%	3.384%

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Start Thrs: 0.2 Max Peaks: 100
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Title : SW846 8260

35	14.930	4455	4460	4471	rVB2	67038	102855	1.09%	0.304%
36	15.065	4490	4502	4519	rBV	1103984	1846078	19.57%	5.461%
37	15.609	4659	4671	4679	rBV	69935	118341	1.25%	0.350%
38	15.837	4736	4742	4755	rVB	60009	94742	1.00%	0.280%
39	15.918	4755	4767	4775	rBV	116991	213221	2.26%	0.631%
40	16.062	4802	4812	4819	rBV	188614	301657	3.20%	0.892%
41	16.101	4820	4824	4839	rVB3	75059	105653	1.12%	0.313%
42	16.262	4864	4874	4878	rBV2	70029	108612	1.15%	0.321%
43	16.435	4918	4928	4942	rBV	77967	129558	1.37%	0.383%
44	16.557	4948	4966	4979	rBV3	394727	690098	7.31%	2.041%
45	16.741	5011	5023	5039	rBV	362935	592347	6.28%	1.752%
46	17.040	5104	5116	5131	rVB	114528	228010	2.42%	0.674%

Sum of corrected areas: 33806011

LSC Report - Integrated Chromatogram

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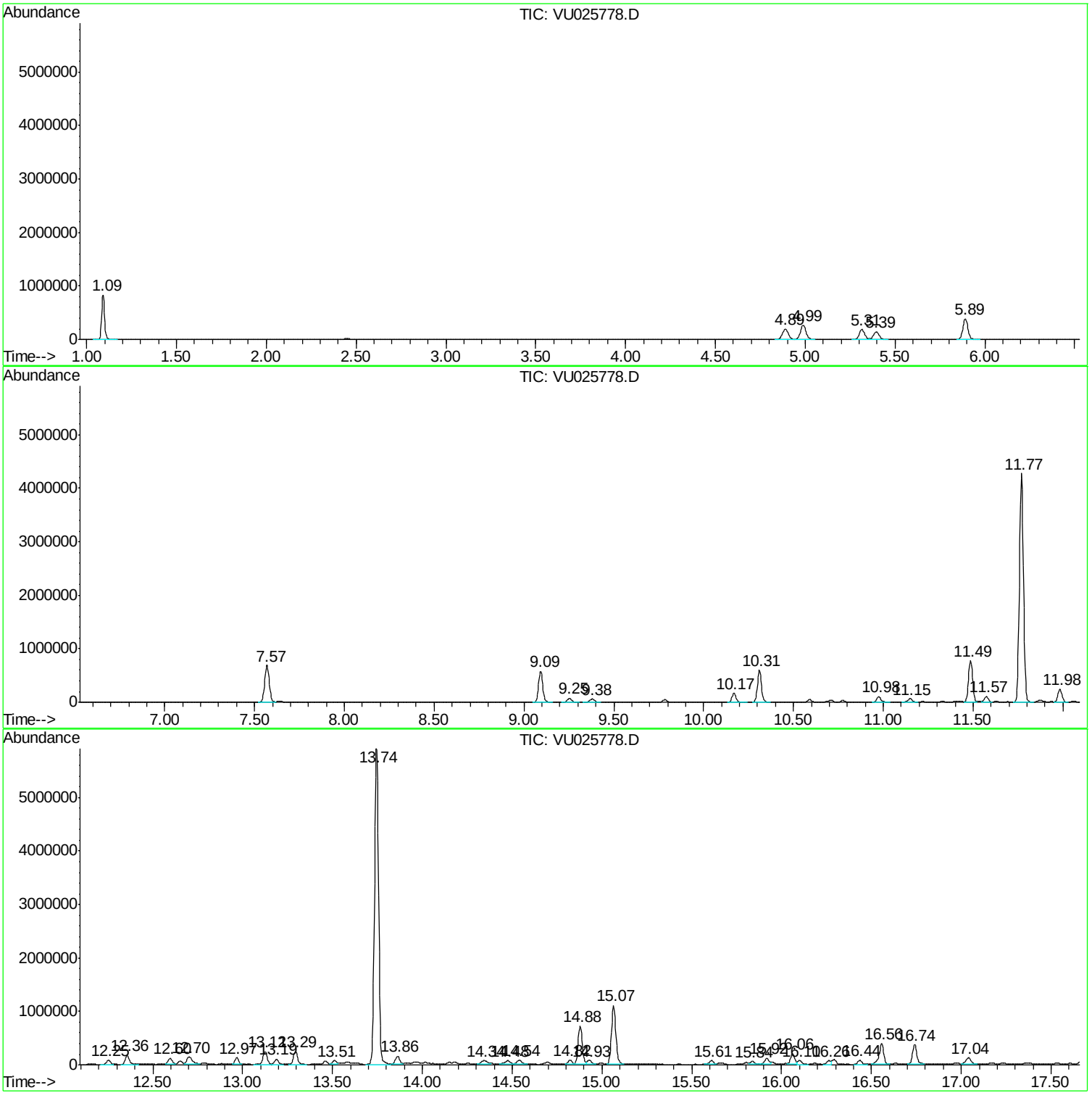
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260

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.
11.77	274.18 ug/l	6677890	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64

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Peak Number 2 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	15.73 ug/l	383219	1,4-Dichlorobenzene-d4	11.49

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	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91

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Peak Number 3 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	12.55 ug/l	305695	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	91
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87

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Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

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

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ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GW-04

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.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.
13.12	17.58 ug/l	428080	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70

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Peak Number 5 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	17.36 ug/l	422876	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94

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Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	46.96 ug/l	1143840	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
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	64

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Peak Number 7 Butylated Hydroxytoluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	28.33 ug/l	690098	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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Quant Title : SW846 8260

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

1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	91
3	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	81
4	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	72
5	Trimethyl-3,4-methylenedioxychro...	220	C13H16O3	1000378-97-7	59

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Peak Number 8 Acenaphthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	24.32 ug/l	592347	1,4-Dichlorobenzene-d4	11.49

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	50
4	Biphenyl	154	C12H10	000092-52-4	38
5	1-Isoquinolinecarbonitrile	154	C10H6N2	001198-30-7	27

Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	11.77	274.2	ug/l	6677890	4	11.49	1217790	50.0
Indene	11.98	15.7	ug/l	383219	4	11.49	1217790	50.0
Indan, 1-methyl-	12.36	12.6	ug/l	305695	4	11.49	1217790	50.0
Benzene, 2-etheny...	13.12	17.6	ug/l	428080	4	11.49	1217790	50.0
2-Methylindene	13.29	17.4	ug/l	422876	4	11.49	1217790	50.0
Naphthalene, 1-me...	14.88	47.0	ug/l	1143840	4	11.49	1217790	50.0
Butylated Hydroxy...	16.56	28.3	ug/l	690098	4	11.49	1217790	50.0
Acenaphthene	16.74	24.3	ug/l	592347	4	11.49	1217790	50.0