LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
Data File : VW004252.D
Acq On : 27 Jul 2018 05:01
Operator : SY/AP
Sample : J4126-11
Misc : 5.07G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-8

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_W\METHOD\82W071618S.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	1.806	28	36	56	rVB	1424186	3159203	21.94%	6.581%
2	7.884	1023	1033	1038	rBV	116168	269219	1.87%	0.561%
3	7.945	1038	1043	1056	rVB	197631	449316	3.12%	0.936%
4	8.305	1085	1102	1113	rBV	118582	270427	1.88%	0.563%
5	8.848	1180	1191	1203	rBV	298316	592856	4.12%	1.235%
6	10.329	1426	1434	1441	rBV	414664	746712	5.19%	1.555%
7	11.445	1595	1617	1621	rBV2	151893	773356	5.37%	1.611%
8	11.634	1643	1648	1656	rVB	365699	606269	4.21%	1.263%
9	12.499	1761	1790	1806	rBV2	720592	6036401	41.92%	12.574%
10	12.621	1806	1810	1820	rVB	332136	655106	4.55%	1.365%
11	12.944	1843	1863	1883	rVV6	426270	2960409	20.56%	6.166%
12	13.371	1918	1933	1943	rVV2	545866	2790139	19.38%	5.812%
13	13.493	1944	1953	1961	rVV4	255372	1094127	7.60%	2.279%
14	13.566	1961	1965	1973	rVB	281872	485968	3.38%	1.012%
15	13.725	1985	1991	1995	rBV	252059	392562	2.73%	0.818%
16	13.798	1999	2003	2011	rVB2	304107	552900	3.84%	1.152%
17	13.889	2012	2018	2021	rBV3	109854	231786	1.61%	0.483%
18	13.999	2028	2036	2043	rBV3	116553	409140	2.84%	0.852%
19	14.103	2048	2053	2064	rVB	256265	472142	3.28%	0.983%
20	14.213	2065	2071	2076	rBV3	114518	253235	1.76%	0.527%
21	14.347	2085	2093	2099	rBV5	126501	330035	2.29%	0.687%
22	14.469	2109	2113	2116	rVB	110630	151605	1.05%	0.316%
23	14.511	2116	2120	2124	rBV	165141	254214	1.77%	0.530%
24	14.578	2124	2131	2141	rVB	285892	795258	5.52%	1.656%
25	14.700	2146	2151	2155	rBV	104918	192197	1.33%	0.400%
26	14.804	2161	2168	2174	rBV4	293020	694750	4.82%	1.447%
27	14.999	2186	2200	2210	rBV2	3615091	14399000	100.00%	29.993%
28	15.188	2226	2231	2240	rVB4	117356	273582	1.90%	0.570%
29	15.487	2273	2280	2284	rBV	164187	339963	2.36%	0.708%
30	15.676	2302	2311	2319	rBV5	221862	922397	6.41%	1.921%
31	15.865	2336	2342	2346	rBV4	84904	170837	1.19%	0.356%
32	15.987	2354	2362	2366	rBV4	110946	313833	2.18%	0.654%
33	16.456	2433	2439	2452	rVB	229761	540134	3.75%	1.125%
34	16.657	2464	2472	2483	rVB	2458459	5429468	37.71%	11.309%

LSC Area Percent Report

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Integrator: RTE
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Title : SW846 8260

Sum of corrected areas: 48008546

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
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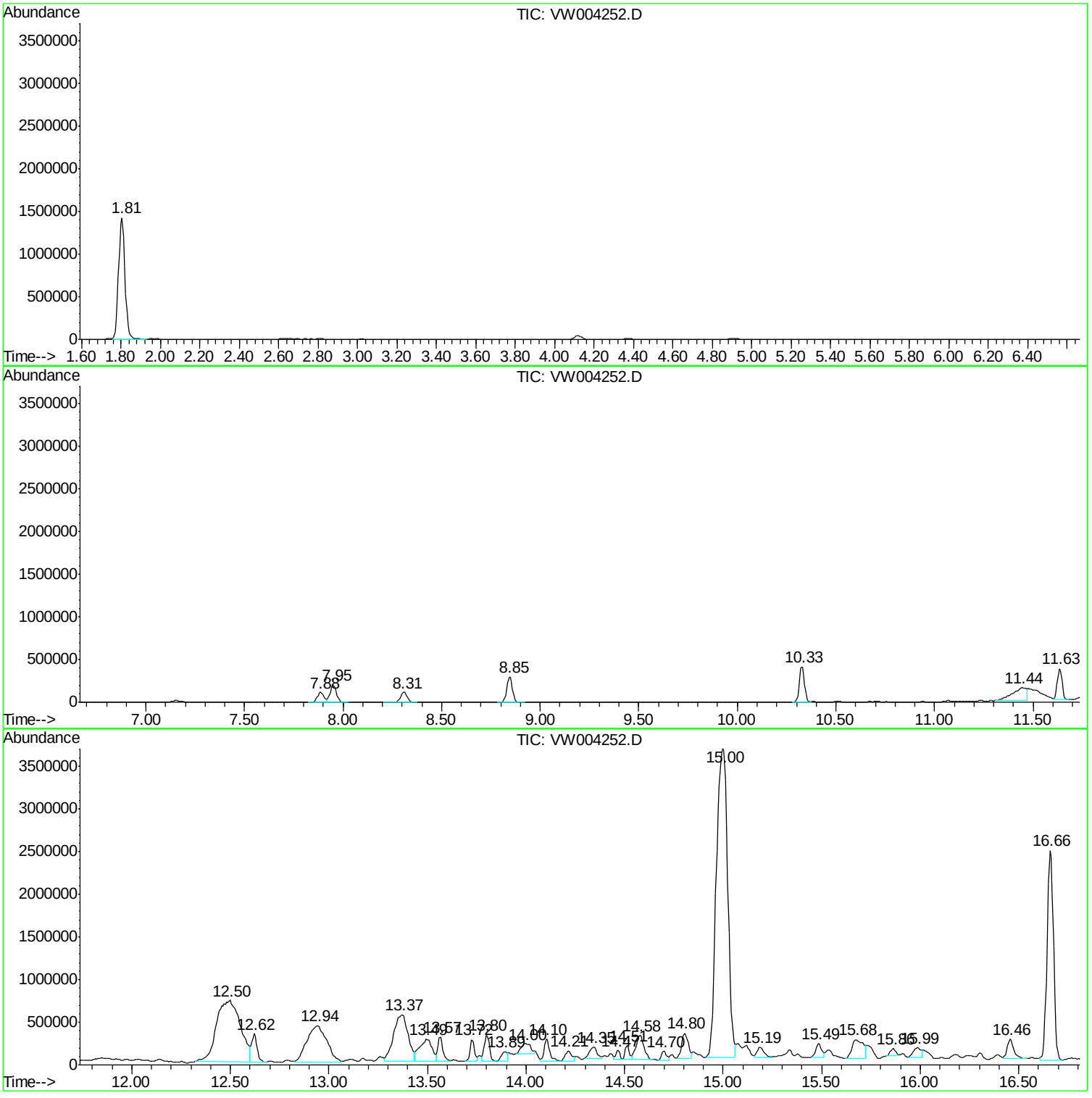
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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



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ClientSampleId : 2018-NYSEG-CLARK-AREA-8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260

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

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Peak Number 1 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	63.78 ug/l	773356	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	81
3	3-Quinolinecarbonitrile	154	C10H6N2	034846-64-5	49
4	Acenaphthene	154	C12H10	000083-32-9	49
5	Naphtho[1,2-c]thiophene, 1,3-dih...	202	C12H10OS	031739-49-8	45

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Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	287.07 ug/l	2790140	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97

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Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	56.89 ug/l	552900	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4	o-Cymene	134	C10H14	000527-84-4	83
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83

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Peak Number 4 1,1'-Biphenyl, 3-methyl- Concentration Rank 6

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

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.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.
14.58	81.82 ug/l	795258	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	96
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	96
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	64
5	Diphenylmethane	168	C13H12	000101-81-5	49

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Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	55.57 ug/l	540134	1,4-Dichlorobenzene-d4	13.57

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-(2-hydroxypropyl)	186	C13H14O	027653-13-0	83

Tentatively Identified Compound (LSC) summary

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Misc : 5.07G/5ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 2018-NYSEG-CLARK-AREA-8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.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
Biphenyl	11.44	63.8	ug/l	773356	3	11.63	606269	50.0
Naphthalene, 2,3-...	13.37	287.1	ug/l	2790140	4	13.57	485968	50.0
Benzene, 2-ethyl-...	13.80	56.9	ug/l	552900	4	13.57	485968	50.0
1,1'-Biphenyl, 3-...	14.58	81.8	ug/l	795258	4	13.57	485968	50.0
Naphthalene, 1-me...	16.46	55.6	ug/l	540134	4	13.57	485968	50.0