LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
Data File : VX004355.D
Acq On : 04 Sep 2018 18:53
Operator : JC/MD
Sample : J4726-03
Misc : 6.25g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KG-SLUDGE-2

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\82X082218W.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	1.069	75	79	93	rBV	891302	1133045	43.13%	4.374%
2	1.636	155	172	173	rBV4	21898	81920	3.12%	0.316%
3	2.794	355	362	366	rBV	30178	56404	2.15%	0.218%
4	5.501	790	806	820	rBV	178684	507061	19.30%	1.958%
5	5.653	820	831	849	rVB	249359	697747	26.56%	2.694%
6	6.062	886	898	918	rBV	194083	515356	19.62%	1.990%
7	6.854	1017	1028	1046	rBV	391404	926631	35.27%	3.577%
8	8.714	1327	1333	1340	rVV	1007975	1545171	58.81%	5.966%
9	8.781	1340	1344	1350	rVB	36470	61951	2.36%	0.239%
10	10.116	1557	1563	1573	rVV	883868	1215711	46.27%	4.694%
11	10.360	1590	1603	1609	rBV2	30578	72379	2.75%	0.279%
12	10.415	1609	1612	1621	rVB	15813	26284	1.00%	0.101%
13	10.835	1677	1681	1685	rVB	29615	36153	1.38%	0.140%
14	10.909	1686	1693	1697	rBV3	26321	50007	1.90%	0.193%
15	11.018	1704	1711	1715	rBV3	14604	30935	1.18%	0.119%
16	11.140	1725	1731	1741	rVB	1042085	1336575	50.87%	5.160%
17	11.244	1741	1748	1751	rBV2	26733	40791	1.55%	0.157%
18	11.360	1764	1767	1771	rBV2	26979	36899	1.40%	0.142%
19	11.439	1775	1780	1784	rBV2	57185	87187	3.32%	0.337%
20	11.488	1784	1788	1789	rVV	22633	28080	1.07%	0.108%
21	11.512	1789	1792	1799	rVB3	46076	98008	3.73%	0.378%
22	11.677	1814	1819	1825	rVB4	26295	54154	2.06%	0.209%
23	11.768	1831	1834	1837	rVV	51861	58556	2.23%	0.226%
24	11.811	1837	1841	1850	rVB	126711	200439	7.63%	0.774%
25	11.890	1851	1854	1857	rBV3	19868	32621	1.24%	0.126%
26	11.945	1860	1863	1867	rVB2	42349	56090	2.13%	0.217%
27	12.006	1867	1873	1879	rBV	490774	667529	25.41%	2.577%
28	12.079	1879	1885	1891	rVV3	1515892	2627205	100.00%	10.143%
29	12.146	1891	1896	1900	rVB2	45934	77009	2.93%	0.297%
30	12.274	1913	1917	1919	rBV	37204	49175	1.87%	0.190%
31	12.305	1919	1922	1929	rVV2	81223	155330	5.91%	0.600%
32	12.372	1929	1933	1939	rVB3	114436	193960	7.38%	0.749%
33	12.475	1945	1950	1954	rBV3	60101	85593	3.26%	0.330%
34	12.524	1954	1958	1963	rVB3	50829	88362	3.36%	0.341%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
Data File : VX004355.D
Acq On : 04 Sep 2018 18:53
Operator : JC/MD
Sample : J4726-03
Misc : 6.25g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KG-SLUDGE-2

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\82X082218W.M
Title : SW846 8260

35	12.591	1965	1969	1970	rBV	58159	70121	2.67%	0.271%
36	12.609	1970	1972	1976	rVV	55858	75166	2.86%	0.290%
37	12.670	1978	1982	1985	rVB	128949	139205	5.30%	0.537%
38	12.756	1990	1996	2004	rBV4	87340	231647	8.82%	0.894%
39	12.878	2013	2016	2019	rBV2	49495	57593	2.19%	0.222%
40	12.945	2023	2027	2029	rBV4	60592	87525	3.33%	0.338%
41	12.975	2029	2032	2036	rVB2	110115	134967	5.14%	0.521%
42	13.018	2036	2039	2041	rBV	89164	99767	3.80%	0.385%
43	13.097	2046	2052	2055	rBV4	58761	106862	4.07%	0.413%
44	13.195	2065	2068	2069	rBV2	29454	28417	1.08%	0.110%
45	13.225	2069	2073	2077	rVB2	92266	126937	4.83%	0.490%
46	13.317	2083	2088	2090	rBV4	84289	141662	5.39%	0.547%
47	13.347	2090	2093	2099	rVB2	355637	530901	20.21%	2.050%
48	13.432	2104	2107	2110	rBV2	54030	80654	3.07%	0.311%
49	13.481	2110	2115	2123	rVB3	290750	526750	20.05%	2.034%
50	13.561	2125	2128	2131	rBV3	83548	114755	4.37%	0.443%
51	13.603	2131	2135	2138	rBV2	95270	126983	4.83%	0.490%
52	13.640	2138	2141	2146	rBV3	149565	251992	9.59%	0.973%
53	13.725	2152	2155	2159	rVB2	107335	151472	5.77%	0.585%
54	13.798	2164	2167	2170	rBV3	55739	87475	3.33%	0.338%
55	13.835	2170	2173	2175	rVV2	63594	73412	2.79%	0.283%
56	13.859	2175	2177	2180	rVB3	104265	103036	3.92%	0.398%
57	13.908	2181	2185	2191	rVB3	288985	466975	17.77%	1.803%
58	13.987	2191	2198	2202	rBV4	266799	457408	17.41%	1.766%
59	14.030	2202	2205	2208	rBV4	96699	137463	5.23%	0.531%
60	14.134	2217	2222	2225	rBV4	238548	359877	13.70%	1.389%
61	14.225	2234	2237	2241	rBV6	79325	121453	4.62%	0.469%
62	14.286	2241	2247	2252	rVV3	598196	1026003	39.05%	3.961%
63	14.377	2259	2262	2265	rBV2	159751	212521	8.09%	0.820%
64	14.432	2268	2271	2274	rVB2	214460	263573	10.03%	1.018%
65	14.542	2285	2289	2297	rBV2	476423	789635	30.06%	3.049%
66	14.676	2307	2311	2313	rBV	646153	846504	32.22%	3.268%
67	14.731	2317	2320	2324	rVB2	374842	434773	16.55%	1.679%
68	14.841	2335	2338	2342	rVB2	208585	256779	9.77%	0.991%
69	14.877	2342	2344	2346	rBV2	104086	98896	3.76%	0.382%
70	14.908	2346	2349	2353	rVB3	288811	339328	12.92%	1.310%
71	14.981	2356	2361	2365	rBV3	108643	286791	10.92%	1.107%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090418\
Data File : VX004355.D
Acq On : 04 Sep 2018 18:53
Operator : JC/MD
Sample : J4726-03
Misc : 6.25g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KG-SLUDGE-2

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\82X082218W.M
Title : SW846 8260

72	15.249	2400	2405	2413	rBV2	429873	899314	34.23%	3.472%
73	15.444	2434	2437	2441	rBV3	191816	257986	9.82%	0.996%
74	15.487	2441	2444	2449	rVB3	142895	202442	7.71%	0.782%
75	15.554	2451	2455	2459	rBV	310786	463812	17.65%	1.791%
76	15.688	2473	2477	2481	rBV	365962	528381	20.11%	2.040%
77	15.731	2481	2484	2492	rVB5	197547	368475	14.03%	1.423%
78	16.176	2552	2557	2567	rBV2	363682	683696	26.02%	2.640%
79	16.694	2639	2642	2647	rVB2	80759	122036	4.65%	0.471%

Sum of corrected areas: 25901738

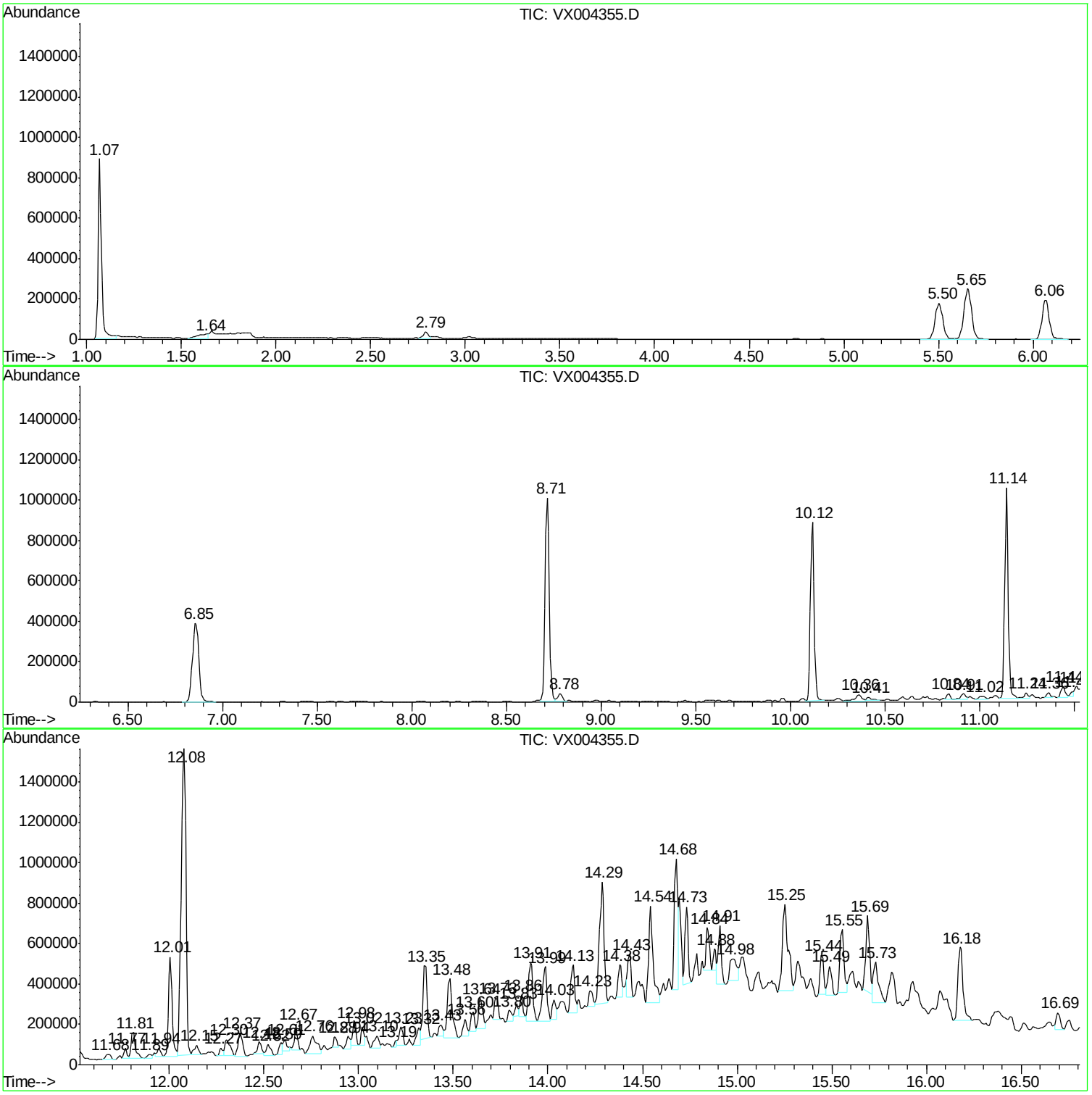
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
Data File : VX004355.D
Acq On : 04 Sep 2018 18:53
Operator : JC/MD
Sample : J4726-03
Misc : 6.25g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090418\
Data File : VX004355.D
Acq On : 04 Sep 2018 18:53
Operator : JC/MD
Sample : J4726-03
Misc : 6.25g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

****

Peak Number 1 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	12.70 ug/l	667529	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	95
2	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	95
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	94
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	93
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	93

****

Peak Number 2 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	10.10 ug/l	530901	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	56
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55

****

Peak Number 3 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	10.02 ug/l	526750	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
2	Isoquinoline, 1,2,3,4-tetrahydro...	147	C10H13N	029726-60-1	40
3	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	35
4	4-Ethylbenzoic acid, 2-phenyleth...	254	C17H18O2	1000293-50-1	35
5	Acetic acid, trifluoro-, 2-pheny...	218	C10H9F3O2	055419-66-4	35

****

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090418\
Data File : VX004355.D
Acq On : 04 Sep 2018 18:53
Operator : JC/MD
Sample : J4726-03
Misc : 6.25g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.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	19.53 ug/l	1026000	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
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	86
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	81
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70

****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	16.11 ug/l	846504	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	74
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	52
5	Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	52

****

Peak Number 6 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	17.12 ug/l	899314	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	89
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81

****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	10.06 ug/l	528381	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090418\
Data File : VX004355.D
Acq On : 04 Sep 2018 18:53
Operator : JC/MD
Sample : J4726-03
Misc : 6.25g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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

1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8 97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9 97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1 96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7 96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1 95

****

Peak Number 8 Butylated Hydroxytoluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	13.01 ug/l	683696	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	95
2	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	92
3	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	76
4	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	68
5	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	58

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090418\
Data File : VX004355.D
Acq On : 04 Sep 2018 18:53
Operator : JC/MD
Sample : J4726-03
Misc : 6.25g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KG-SLUDGE-2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.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
Bicyclo[4.1.0]hep...	12.01	12.7	ug/l	667529	4	12.08	2627210	50.0
1-Phenyl-1-butene	13.35	10.1	ug/l	530901	4	12.08	2627210	50.0
Naphthalene, 1,2,...	13.48	10.0	ug/l	526750	4	12.08	2627210	50.0
Naphthalene, 1,2,...	14.29	19.5	ug/l	1026000	4	12.08	2627210	50.0
Naphthalene, 1,2,...	14.68	16.1	ug/l	846504	4	12.08	2627210	50.0
Benzene, 1-(2-but...	15.25	17.1	ug/l	899314	4	12.08	2627210	50.0
Naphthalene, 2,3-...	15.69	10.1	ug/l	528381	4	12.08	2627210	50.0
Butylated Hydroxy...	16.18	13.0	ug/l	683696	4	12.08	2627210	50.0