LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061319\
Data File : VN056293.D
Acq On : 13 Jun 2019 19:53
Operator : JC/SP
Sample : K3345-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PR-MW-2_061219

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_N\METHODS\82N060419W.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	2.796	305	318	335	rVB2	52449	108961	3.93%	0.397%
2	3.548	541	552	568	rVB4	12279	29722	1.07%	0.108%
3	3.783	609	625	639	rBV4	9794	31794	1.15%	0.116%
4	4.523	828	855	861	rBV4	39270	122719	4.43%	0.447%
5	5.043	993	1017	1043	rBV3	64993	232201	8.38%	0.845%
6	5.921	1272	1290	1310	rBV3	15646	47505	1.71%	0.173%
7	6.063	1316	1334	1353	rBV4	16531	52079	1.88%	0.190%
8	6.365	1410	1428	1444	rBV8	14211	45415	1.64%	0.165%
9	6.513	1457	1474	1488	rBV5	12956	40363	1.46%	0.147%
10	6.622	1490	1508	1526	rBV2	99151	303250	10.94%	1.104%
11	7.320	1710	1725	1736	rBV3	15585	41772	1.51%	0.152%
12	7.387	1737	1746	1767	rVB5	16807	43798	1.58%	0.159%
13	7.590	1785	1809	1820	rBV2	227289	585313	21.12%	2.131%
14	7.664	1820	1832	1847	rVV	401150	1012497	36.54%	3.686%
15	7.741	1849	1856	1881	rVB4	57649	152040	5.49%	0.553%
16	7.873	1882	1897	1908	rBV2	26666	64743	2.34%	0.236%
17	8.027	1927	1945	1970	rBV2	229103	553707	19.98%	2.016%
18	8.159	1971	1986	1995	rBV7	69788	188690	6.81%	0.687%
19	8.297	2022	2029	2051	rVB4	27023	65290	2.36%	0.238%
20	8.403	2052	2062	2084	rVB7	10995	28839	1.04%	0.105%
21	8.584	2101	2118	2140	rBV	635944	1446089	52.18%	5.264%
22	8.741	2159	2167	2178	rVB3	15747	31242	1.13%	0.114%
23	8.818	2179	2191	2199	rBV2	45882	95477	3.45%	0.348%
24	9.047	2243	2262	2267	rBV4	58040	125404	4.53%	0.456%
25	9.268	2323	2331	2343	rVB3	18919	35984	1.30%	0.131%
26	9.362	2346	2360	2373	rBV5	13480	36434	1.31%	0.133%
27	9.519	2399	2409	2427	rVB3	40402	82602	2.98%	0.301%
28	9.616	2427	2439	2444	rBV3	48634	91507	3.30%	0.333%
29	9.850	2499	2512	2524	rBV3	16911	48730	1.76%	0.177%
30	9.966	2538	2548	2558	rBV2	45639	85414	3.08%	0.311%
31	10.091	2573	2587	2616	rBV	948788	1857286	67.02%	6.761%
32	10.288	2645	2648	2660	rVB5	24049	39495	1.43%	0.144%
33	10.432	2685	2693	2704	rVV4	17670	29423	1.06%	0.107%
34	10.516	2707	2719	2736	rVV5	88323	188476	6.80%	0.686%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061319\
Data File : VN056293.D
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Operator : JC/SP
Sample : K3345-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PR-MW-2_061219

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Title : SW846 8260

35	10.792	2788	2805	2813	rBV8	21513	51503	1.86%	0.187%
36	11.320	2953	2969	2980	rBV8	12257	32223	1.16%	0.117%
37	11.407	2982	2996	3018	rVV	866107	1623995	58.60%	5.911%
38	11.506	3020	3027	3046	rVB3	44267	106353	3.84%	0.387%
39	11.651	3061	3072	3085	rBV10	16279	35856	1.29%	0.131%
40	12.249	3244	3258	3278	rVB	1688019	2771234	100.00%	10.087%
41	12.400	3292	3305	3323	rBV	687860	1199878	43.30%	4.368%
42	12.590	3349	3364	3383	rVB	593661	982462	35.45%	3.576%
43	12.889	3442	3457	3469	rBV	38462	64703	2.33%	0.236%
44	12.992	3469	3489	3498	rBV2	26911	56307	2.03%	0.205%
45	13.169	3529	3544	3557	rBV3	153292	306322	11.05%	1.115%
46	13.342	3586	3598	3619	rBV2	704181	1398397	50.46%	5.090%
47	13.442	3620	3629	3639	rVV2	46723	71902	2.59%	0.262%
48	13.541	3640	3660	3671	rVV2	983705	1959078	70.69%	7.131%
49	13.593	3671	3676	3690	rVV3	67861	165941	5.99%	0.604%
50	13.670	3690	3700	3713	rVB	95911	161894	5.84%	0.589%
51	13.889	3757	3768	3777	rBV	339591	514854	18.58%	1.874%
52	13.943	3777	3785	3792	rVV	154320	250569	9.04%	0.912%
53	13.995	3792	3801	3813	rVV	569857	935302	33.75%	3.405%
54	14.062	3815	3822	3831	rVB5	25002	41263	1.49%	0.150%
55	14.130	3832	3843	3851	rBV2	81776	131826	4.76%	0.480%
56	14.207	3851	3867	3885	rVB	281292	518356	18.70%	1.887%
57	14.291	3885	3893	3898	rBV2	32951	47458	1.71%	0.173%
58	14.361	3909	3915	3922	rVB	26325	32656	1.18%	0.119%
59	14.429	3923	3936	3942	rBV3	55906	104327	3.76%	0.380%
60	14.474	3942	3950	3961	rVV2	226855	377101	13.61%	1.373%
61	14.586	3972	3985	3998	rBV3	977201	2022609	72.99%	7.362%
62	14.654	3998	4006	4016	rVB5	51135	86361	3.12%	0.314%
63	14.741	4024	4033	4041	rVB2	79976	118092	4.26%	0.430%
64	14.847	4049	4066	4072	rBV3	125013	271893	9.81%	0.990%
65	14.886	4073	4078	4086	rVV2	105437	163268	5.89%	0.594%
66	14.956	4088	4100	4118	rVB3	199838	468742	16.91%	1.706%
67	15.043	4118	4127	4133	rBV2	27363	43562	1.57%	0.159%
68	15.088	4134	4141	4148	rBV2	39321	56955	2.06%	0.207%
69	15.133	4148	4155	4163	rVB	32842	52880	1.91%	0.192%
70	15.188	4163	4172	4180	rBV	92851	153662	5.54%	0.559%
71	15.262	4180	4195	4229	rVB6	96340	394745	14.24%	1.437%

LSC Area Percent Report

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Sample : K3345-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PR-MW-2_061219

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Title : SW846 8260

72	15.416	4229	4243	4254	rBV2	51192	98538	3.56%	0.359%
73	15.484	4254	4264	4274	rBV4	29951	55128	1.99%	0.201%
74	15.577	4276	4293	4296	rBV3	71339	138575	5.00%	0.504%
75	15.612	4297	4304	4319	rVB	148426	277018	10.00%	1.008%
76	15.696	4320	4330	4340	rBV2	38989	74701	2.70%	0.272%
77	15.767	4342	4352	4364	rBV3	28985	60090	2.17%	0.219%
78	15.911	4381	4397	4412	rBV	153470	310218	11.19%	1.129%
79	16.094	4438	4454	4464	rBV6	30004	72471	2.62%	0.264%
80	16.162	4465	4475	4497	rVB6	48785	133557	4.82%	0.486%
81	16.352	4518	4534	4547	rBV2	239381	533316	19.24%	1.941%

Sum of corrected areas: 27472402

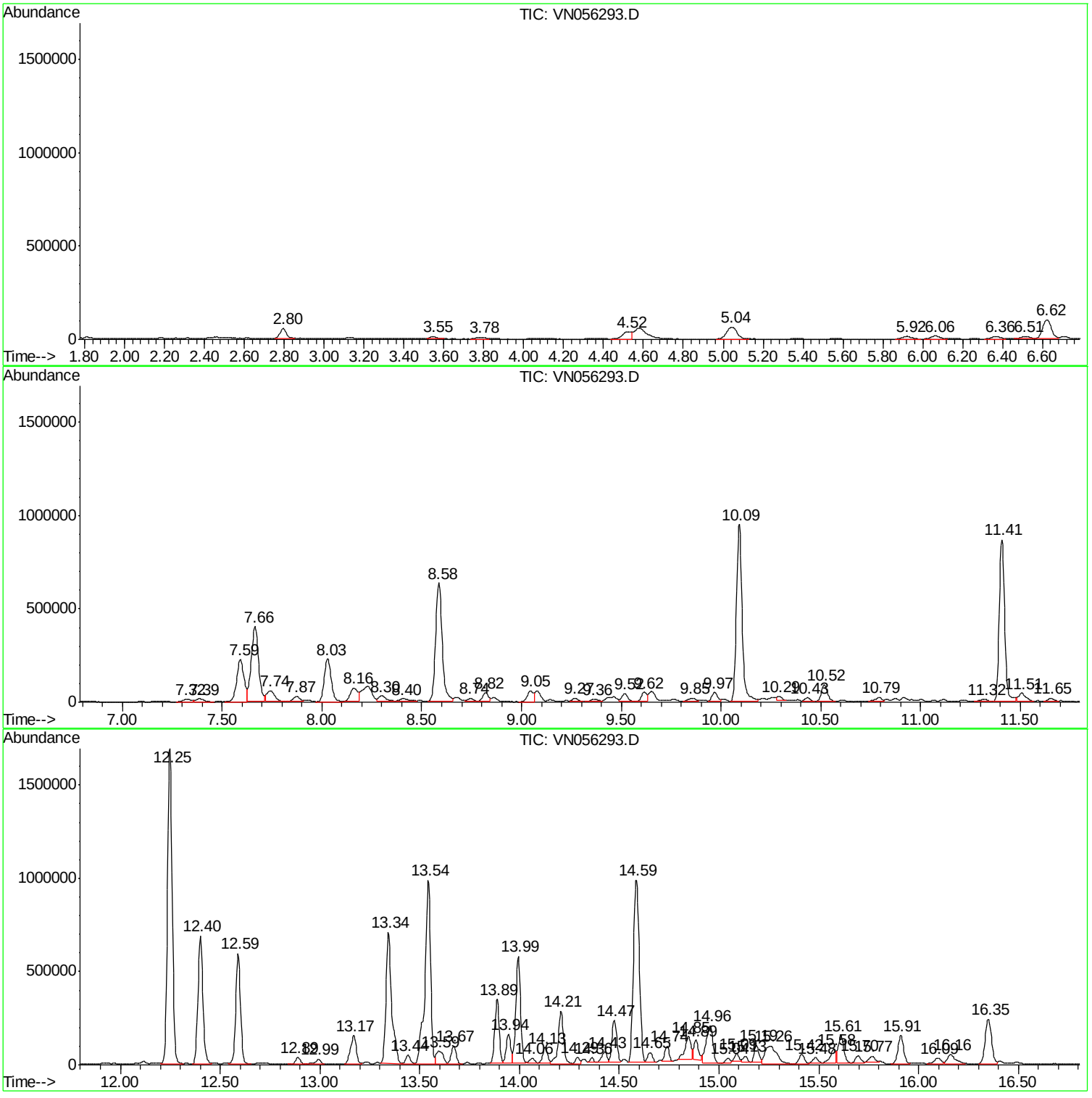
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061319\
Data File : VN056293.D
Acq On : 13 Jun 2019 19:53
Operator : JC/SP
Sample : K3345-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061319\
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Operator : JC/SP
Sample : K3345-12
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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

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

****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	14.98 ug/l	303250	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50

****

Peak Number 2 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	70.05 ug/l	1959080	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64

****

Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	18.41 ug/l	514854	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95

****

Peak Number 4 Indan, 1-methyl- Concentration Rank 3

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061319\
Data File : VN056293.D
Acq On : 13 Jun 2019 19:53
Operator : JC/SP
Sample : K3345-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

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

13.99	33.44 ug/l	935302	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	80
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72

****

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	18.53 ug/l	518356	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94

****

Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	13.48 ug/l	377101	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83

****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	72.32 ug/l	2022610	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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Acq On : 13 Jun 2019 19:53
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Sample : K3345-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PR-MW-2_061219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

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

1	1-Phenyl-1-butene	132 C10H12	000824-90-8	86
2	Benzene, 1-methyl-4-(2-propenyl)-	132 C10H12	003333-13-9	64
3	Benzene, (1-methyl-1-propenyl)-,...	132 C10H12	000767-99-7	50
4	1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6	50
5	Benzene, 1,2,3,4-tetramethyl-	134 C10H14	000488-23-3	50

****

Peak Number 8 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	16.76 ug/l	468742	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83

****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	14.11 ug/l	394745	1,4-Dichlorobenzene-d4	13.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87

****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	19.07 ug/l	533316	1,4-Dichlorobenzene-d4	13.34

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91

Library Search Compound Report

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Data File : VN056293.D
Acq On : 13 Jun 2019 19:53
Operator : JC/SP
Sample : K3345-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PR-MW-2_061219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260

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

4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	Spiro(9-methylenetricyclo[6.2.1....	184	C13H12O	033929-47-4	78

Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.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
Cyclopentane, met...	6.62	15.0	ug/l	303250	1	7.67	1012500	50.0
Indane	13.54	70.0	ug/l	1959080	4	13.34	1398400	50.0
Benzene, 1-ethyl-...	13.89	18.4	ug/l	514854	4	13.34	1398400	50.0
Indan, 1-methyl-	13.99	33.4	ug/l	935302	4	13.34	1398400	50.0
Benzene, 1,2,4,5-...	14.21	18.5	ug/l	518356	4	13.34	1398400	50.0
1H-Indene, 2,3-di...	14.47	13.5	ug/l	377101	4	13.34	1398400	50.0
1-Phenyl-1-butene	14.59	72.3	ug/l	2022610	4	13.34	1398400	50.0
Benzene, 1-methyl...	14.96	16.8	ug/l	468742	4	13.34	1398400	50.0
Naphthalene, 1,2,...	15.26	14.1	ug/l	394745	4	13.34	1398400	50.0
Naphthalene, 1-me...	16.35	19.1	ug/l	533316	4	13.34	1398400	50.0