LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061418\
Data File : VN049230.D
Acq On : 14 Jun 2018 16:16
Operator : MD\SY
Sample : J3435-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW10

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\82N061318W.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	1.658	6	21	50	rBV	3972013	5873000	10.54%	1.220%
2	2.178	172	183	195	rBV	978495	1396314	2.51%	0.290%
3	2.802	359	377	400	rBV	18635877	36935497	66.31%	7.675%
4	3.133	465	480	514	rVB	2769083	6031756	10.83%	1.253%
5	3.313	520	536	555	rVB	383140	852176	1.53%	0.177%
6	3.558	598	612	639	rVB2	499579	1223351	2.20%	0.254%
7	3.796	664	686	717	rVB2	877161	2806098	5.04%	0.583%
8	4.413	843	878	892	rBV6	323006	1218738	2.19%	0.253%
9	4.529	893	914	919	rBV	2321882	6352636	11.40%	1.320%
10	5.053	1046	1077	1112	rBV	3825062	13718291	24.63%	2.850%
11	5.567	1212	1237	1265	rBV3	298155	948644	1.70%	0.197%
12	5.857	1307	1327	1334	rBV3	204483	588169	1.06%	0.122%
13	5.927	1337	1349	1370	rVB2	638918	1920978	3.45%	0.399%
14	6.069	1372	1393	1407	rBV3	533093	1726580	3.10%	0.359%
15	6.159	1408	1421	1441	rBV2	426604	1296887	2.33%	0.269%
16	6.371	1469	1487	1516	rBV5	515593	1623528	2.91%	0.337%
17	6.519	1518	1533	1545	rBV2	277768	805832	1.45%	0.167%
18	6.628	1546	1567	1588	rBV	8715178	26777385	48.07%	5.564%
19	7.390	1794	1804	1823	rVB2	378517	1021325	1.83%	0.212%
20	7.596	1845	1868	1869	rBV	492521	906227	1.63%	0.188%
21	7.654	1871	1886	1902	rVV3	5770072	15492345	27.81%	3.219%
22	7.744	1904	1914	1939	rVB2	1122119	3101624	5.57%	0.644%
23	7.876	1939	1955	1965	rBV	696308	1698293	3.05%	0.353%
24	7.934	1966	1973	1989	rVB2	428751	974026	1.75%	0.202%
25	8.027	1989	2002	2025	rBV	471563	1170347	2.10%	0.243%
26	8.162	2027	2044	2055	rBV4	1668404	4940228	8.87%	1.027%
27	8.304	2078	2088	2107	rVB	939555	2230912	4.01%	0.464%
28	8.410	2114	2121	2157	rVB8	136290	571062	1.03%	0.119%
29	8.587	2158	2176	2198	rBV2	1674596	4173820	7.49%	0.867%
30	9.082	2301	2330	2344	rBV3	3090350	8641383	15.51%	1.796%
31	9.271	2379	2389	2402	rVB	485684	929917	1.67%	0.193%
32	9.435	2429	2440	2443	rBV2	438307	719868	1.29%	0.150%
33	9.519	2458	2466	2483	rVB4	519310	1060618	1.90%	0.220%
34	9.615	2483	2496	2501	rBV2	695042	1263490	2.27%	0.263%

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Sample : J3435-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW10

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\82N061318W.M
Title : SW846 8260

35	9.654	2503	2508	2523	rVB	825445	1495554	2.68%	0.311%
36	9.853	2555	2570	2577	rBV7	239254	571287	1.03%	0.119%
37	9.969	2595	2606	2616	rBV2	413256	811581	1.46%	0.169%
38	10.091	2631	2644	2655	rBV	2375674	4670483	8.38%	0.970%
39	10.156	2655	2664	2676	rVB	1603547	2965434	5.32%	0.616%
40	10.522	2765	2778	2794	rVB4	525474	1186264	2.13%	0.246%
41	11.410	3041	3054	3069	rBV	2179725	4000850	7.18%	0.831%
42	11.512	3072	3086	3107	rVV2	33022307	55700488	100.00%	11.574%
43	11.628	3107	3122	3143	rVB	19612977	35627332	63.96%	7.403%
44	11.950	3203	3222	3241	rBV	7631501	12834464	23.04%	2.667%
45	12.252	3304	3316	3336	rVB	1939894	3237691	5.81%	0.673%
46	12.403	3350	3363	3378	rBV	1759451	2983876	5.36%	0.620%
47	12.593	3410	3422	3432	rBV	3912042	6112327	10.97%	1.270%
48	12.657	3432	3442	3447	rVV	4154997	6655996	11.95%	1.383%
49	12.689	3448	3452	3460	rVV	4091259	5873144	10.54%	1.220%
50	12.734	3460	3466	3479	rVB	2602167	4021314	7.22%	0.836%
51	12.892	3502	3515	3530	rBV	8038907	12949285	23.25%	2.691%
52	13.043	3544	3562	3576	rBV	18211499	28998856	52.06%	6.026%
53	13.168	3585	3601	3613	rVB3	361118	901230	1.62%	0.187%
54	13.348	3646	3657	3659	rVV	2173602	3103971	5.57%	0.645%
55	13.377	3660	3666	3678	rVB	4638980	7369377	13.23%	1.531%
56	13.545	3697	3718	3729	rBV	24779322	44170848	79.30%	9.178%
57	13.593	3729	3733	3749	rVB4	1678958	2702428	4.85%	0.562%
58	13.676	3749	3759	3767	rBV	370563	596995	1.07%	0.124%
59	13.741	3767	3779	3789	rVB2	1023601	1870863	3.36%	0.389%
60	13.805	3789	3799	3805	rBV	1919656	3095084	5.56%	0.643%
61	13.892	3816	3826	3835	rBV	3923844	5799225	10.41%	1.205%
62	13.950	3835	3844	3850	rVV	1650807	2529370	4.54%	0.526%
63	13.998	3850	3859	3871	rVB	7047669	11246427	20.19%	2.337%
64	14.133	3890	3901	3910	rBV2	551661	873038	1.57%	0.181%
65	14.213	3911	3926	3932	rBV	2018118	3339876	6.00%	0.694%
66	14.252	3932	3938	3946	rVB	1608732	2328621	4.18%	0.484%
67	14.435	3980	3995	3999	rBV3	421600	657834	1.18%	0.137%
68	14.480	3999	4009	4019	rVV	4175509	6771255	12.16%	1.407%
69	14.596	4031	4045	4057	rBV3	8297614	14895373	26.74%	3.095%
70	14.660	4057	4065	4076	rVB5	686569	1183039	2.12%	0.246%
71	14.744	4080	4091	4100	rBV	850765	1375901	2.47%	0.286%

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Sample : J3435-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW10

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\82N061318W.M
Title : SW846 8260

72	14.850	4107	4124	4131	rBV3	1280144	3056648	5.49%	0.635%
73	14.962	4145	4159	4176	rVB3	1589954	3667656	6.58%	0.762%
74	15.136	4193	4213	4225	rBV	2805684	4940813	8.87%	1.027%
75	15.242	4235	4246	4254	rBV4	366829	764825	1.37%	0.159%
76	15.294	4256	4262	4283	rVB2	363467	701826	1.26%	0.146%
77	15.422	4290	4302	4314	rBV	479603	850942	1.53%	0.177%
78	15.580	4336	4351	4370	rBV3	251244	779173	1.40%	0.162%

Sum of corrected areas: 481260209

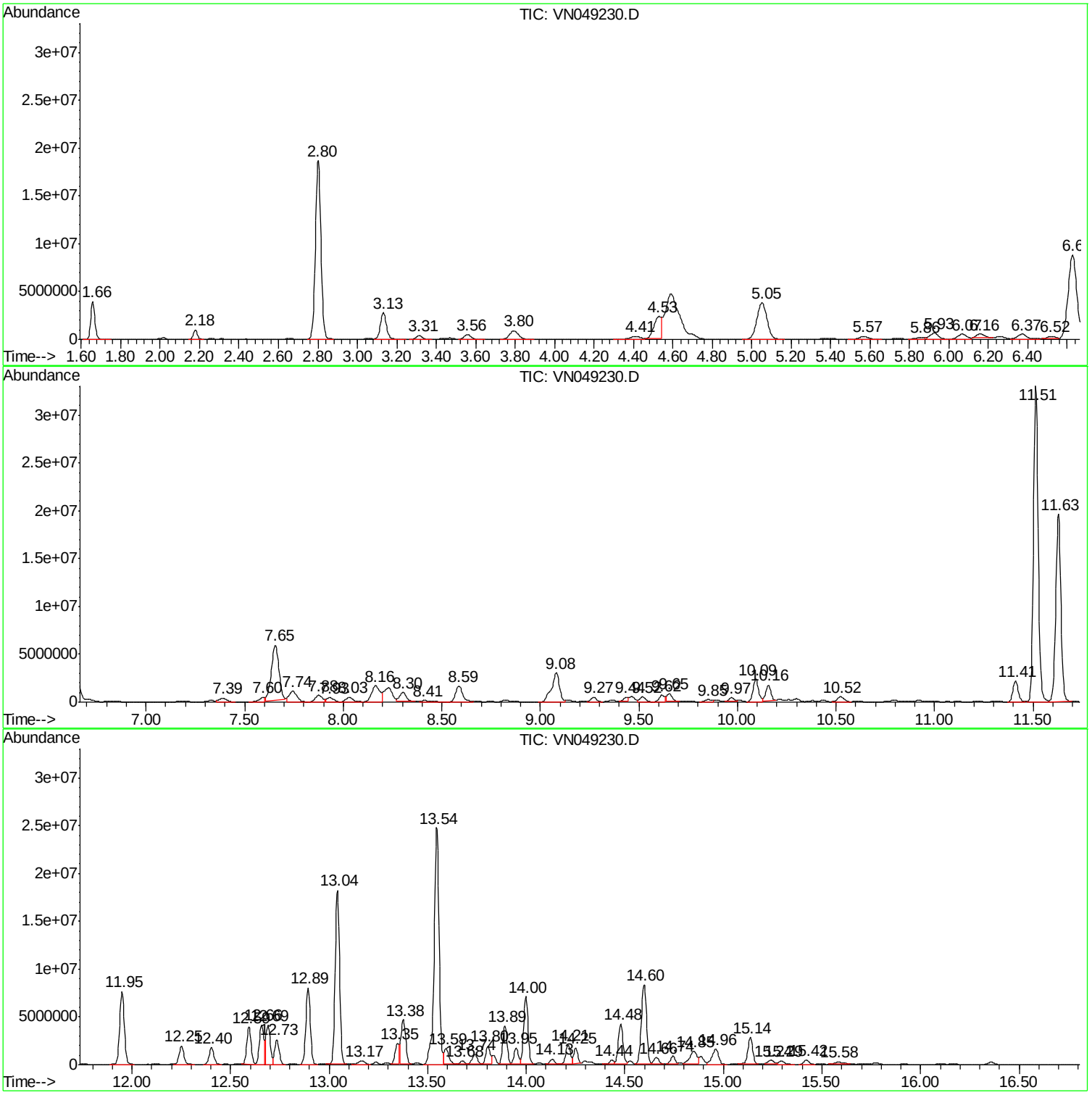
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061418\
Data File : VN049230.D
Acq On : 14 Jun 2018 16:16
Operator : MD\SY
Sample : J3435-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061418\
Data File : VN049230.D
Acq On : 14 Jun 2018 16:16
Operator : MD\SY
Sample : J3435-03
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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260

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

****

Peak Number 1 Butane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	119.21 ug/l	36935500	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	9
5	1-Butene	56	C4H8	000106-98-9	9

****

Peak Number 2 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	86.42 ug/l	26777400	Pentafluorobenzene	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	80
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64

****

Peak Number 3 Cyclopentane, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	59.18 ug/l	4940230	1,4-Difluorobenzene	8.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	64
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	45
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	43

****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

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

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Data File : VN049230.D
Acq On : 14 Jun 2018 16:16
Operator : MD\SY
Sample : J3435-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.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.
12.66	107.22 ug/l	6656000	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91

****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	711.52 ug/l	44170800	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
4	Deltacyclene	118	C9H10	007785-10-6	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72

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Peak Number 6 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	93.42 ug/l	5799230	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94

****

Peak Number 7 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	181.16 ug/l	11246400	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260

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

1	Indan, 1-methyl-	132	C10H12	000767-58-8 93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4 90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0 87
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0 87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7 87

****

Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	109.07 ug/l	6771260	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90

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Peak Number 9 1-Phenyl-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	239.94 ug/l	14895400	1,4-Dichlorobenzene-d4	13.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90

Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061418\
Data File : VN049230.D
Acq On : 14 Jun 2018 16:16
Operator : MD\SY
Sample : J3435-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW10

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.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
Butane, 2-methyl-	2.80	119.2	ug/l	36935500	1	7.67	15492300	50.0
Cyclopentane, met...	6.63	86.4	ug/l	26777400	1	7.67	15492300	50.0
Cyclopentane, 1,3...	8.16	59.2	ug/l	4940230	2	8.59	4173820	50.0
Benzene, 1-ethyl-...	12.66	107.2	ug/l	6656000	4	13.35	3103970	50.0
Indane	13.54	711.5	ug/l	44170800	4	13.35	3103970	50.0
Benzene, 2-ethyl-...	13.89	93.4	ug/l	5799230	4	13.35	3103970	50.0
Indan, 1-methyl-	14.00	181.2	ug/l	11246400	4	13.35	3103970	50.0
1H-Indene, 2,3-di...	14.48	109.1	ug/l	6771260	4	13.35	3103970	50.0
1-Phenyl-1-butene	14.60	239.9	ug/l	14895400	4	13.35	3103970	50.0