LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
Data File : VW007656.D
Acq On : 18 Dec 2018 14:17
Operator : SY/AP
Sample : J6353-01
Misc : 6.10G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\82W121118S.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	2.166	36	43	63	rVB	34303	79063	1.94%	0.304%
2	3.032	175	185	207	rBV	85072	240030	5.89%	0.924%
3	3.385	234	243	261	rVB2	40327	114318	2.81%	0.440%
4	3.666	281	289	296	rBV2	18006	42921	1.05%	0.165%
5	3.842	309	318	338	rVB	38079	106307	2.61%	0.409%
6	4.111	342	362	383	rBV6	34853	181380	4.45%	0.698%
7	4.958	479	501	531	rVV5	116464	802684	19.70%	3.090%
8	5.428	565	578	599	rBV2	69462	254370	6.24%	0.979%
9	5.751	619	631	647	rVB3	13746	51091	1.25%	0.197%
10	5.934	648	661	675	rBB	78413	237672	5.83%	0.915%
11	6.104	679	689	697	rBV2	14591	43154	1.06%	0.166%
12	6.220	697	708	713	rBV	20954	63578	1.56%	0.245%
13	6.281	713	718	731	rVB2	31333	91741	2.25%	0.353%
14	6.427	731	742	751	rBV3	18283	56500	1.39%	0.218%
15	6.720	780	790	805	rBV4	37204	113369	2.78%	0.436%
16	6.976	822	832	842	rBV	92301	278147	6.83%	1.071%
17	7.695	942	950	958	rVB2	53788	126255	3.10%	0.486%
18	7.945	970	991	1000	rBV5	188970	751636	18.45%	2.894%
19	8.037	1000	1006	1017	rVB2	41841	110963	2.72%	0.427%
20	8.153	1017	1025	1033	rBV	122705	272755	6.69%	1.050%
21	8.317	1042	1052	1063	rBV3	97619	248445	6.10%	0.957%
22	8.439	1063	1072	1073	rBV4	40341	86999	2.13%	0.335%
23	8.482	1074	1079	1090	rVB3	71314	228251	5.60%	0.879%
24	8.573	1090	1094	1104	rVB2	26402	63817	1.57%	0.246%
25	8.695	1104	1114	1127	rVB2	98338	240964	5.91%	0.928%
26	8.842	1127	1138	1144	rBV2	190060	450757	11.06%	1.735%
27	8.994	1158	1163	1170	rVB2	22118	41394	1.02%	0.159%
28	9.116	1170	1183	1198	rVB6	19815	79779	1.96%	0.307%
29	9.335	1205	1219	1224	rBV	132418	340923	8.37%	1.313%
30	9.384	1224	1227	1235	rVB2	30959	59211	1.45%	0.228%
31	9.518	1243	1249	1255	rVB2	24535	47771	1.17%	0.184%
32	9.762	1283	1289	1298	rVB	50955	111226	2.73%	0.428%
33	9.854	1298	1304	1307	rBV	47167	86737	2.13%	0.334%
34	9.896	1307	1311	1317	rVB3	55308	102530	2.52%	0.395%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\82W121118S.M
Title : SW846 8260

35	9.957	1317	1321	1325	rBV	48927	79533	1.95%	0.306%
36	10.097	1335	1344	1354	rBV	63519	149928	3.68%	0.577%
37	10.207	1354	1362	1366	rBV3	40518	79945	1.96%	0.308%
38	10.323	1374	1381	1385	rBV	162460	301075	7.39%	1.159%
39	10.390	1385	1392	1399	rVB	2272090	4074916	100.00%	15.689%
40	10.506	1404	1411	1417	rVB4	70357	152999	3.75%	0.589%
41	10.750	1445	1451	1461	rVV5	30247	81986	2.01%	0.316%
42	11.414	1552	1560	1571	rVB3	34866	90228	2.21%	0.347%
43	11.518	1571	1577	1581	rBV	26153	44304	1.09%	0.171%
44	11.634	1589	1596	1602	rBV	131776	224898	5.52%	0.866%
45	11.731	1605	1612	1620	rVV	753465	1230785	30.20%	4.739%
46	11.841	1621	1630	1640	rVB	1997910	3865609	94.86%	14.883%
47	12.170	1673	1684	1693	rBV	1245823	2143578	52.60%	8.253%
48	12.469	1727	1733	1738	rBV	66267	105366	2.59%	0.406%
49	12.621	1752	1758	1767	rVB2	75418	145781	3.58%	0.561%
50	12.810	1782	1789	1793	rBV	183103	285178	7.00%	1.098%
51	12.871	1793	1799	1802	rVV	769221	1237832	30.38%	4.766%
52	12.902	1802	1804	1808	rVV	365324	516486	12.67%	1.989%
53	12.944	1808	1811	1818	rVB	378200	584011	14.33%	2.249%
54	13.109	1831	1838	1846	rBV	350015	590223	14.48%	2.272%
55	13.255	1855	1862	1868	rBV	1051388	1615392	39.64%	6.219%
56	13.591	1907	1917	1924	rBV2	351962	680216	16.69%	2.619%
57	13.725	1933	1939	1940	rBV	36136	48556	1.19%	0.187%
58	13.761	1940	1945	1948	rVV2	213349	370432	9.09%	1.426%
59	13.798	1948	1951	1961	rVB2	103377	195171	4.79%	0.751%
60	13.950	1970	1976	1981	rBV2	29721	50637	1.24%	0.195%
61	14.017	1981	1987	1989	rVV	51406	78633	1.93%	0.303%
62	14.042	1989	1991	1996	rVV	47794	69975	1.72%	0.269%
63	14.103	1996	2001	2006	rVB	89737	133098	3.27%	0.512%
64	14.213	2014	2019	2025	rVB2	42956	70776	1.74%	0.272%
65	14.426	2045	2054	2057	rBV	46809	79588	1.95%	0.306%
66	14.462	2057	2060	2065	rVB	67014	93315	2.29%	0.359%
67	14.694	2093	2098	2102	rBV	31593	51359	1.26%	0.198%
68	14.810	2109	2117	2122	rBV2	51107	122457	3.01%	0.471%
69	15.072	2151	2160	2171	rBV4	15150	47056	1.15%	0.181%
70	15.371	2204	2209	2215	rVB	42354	75015	1.84%	0.289%

LSC Area Percent Report

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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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\82W121118S.M
Title : SW846 8260

Sum of corrected areas: 25973075

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
Data File : VW007656.D
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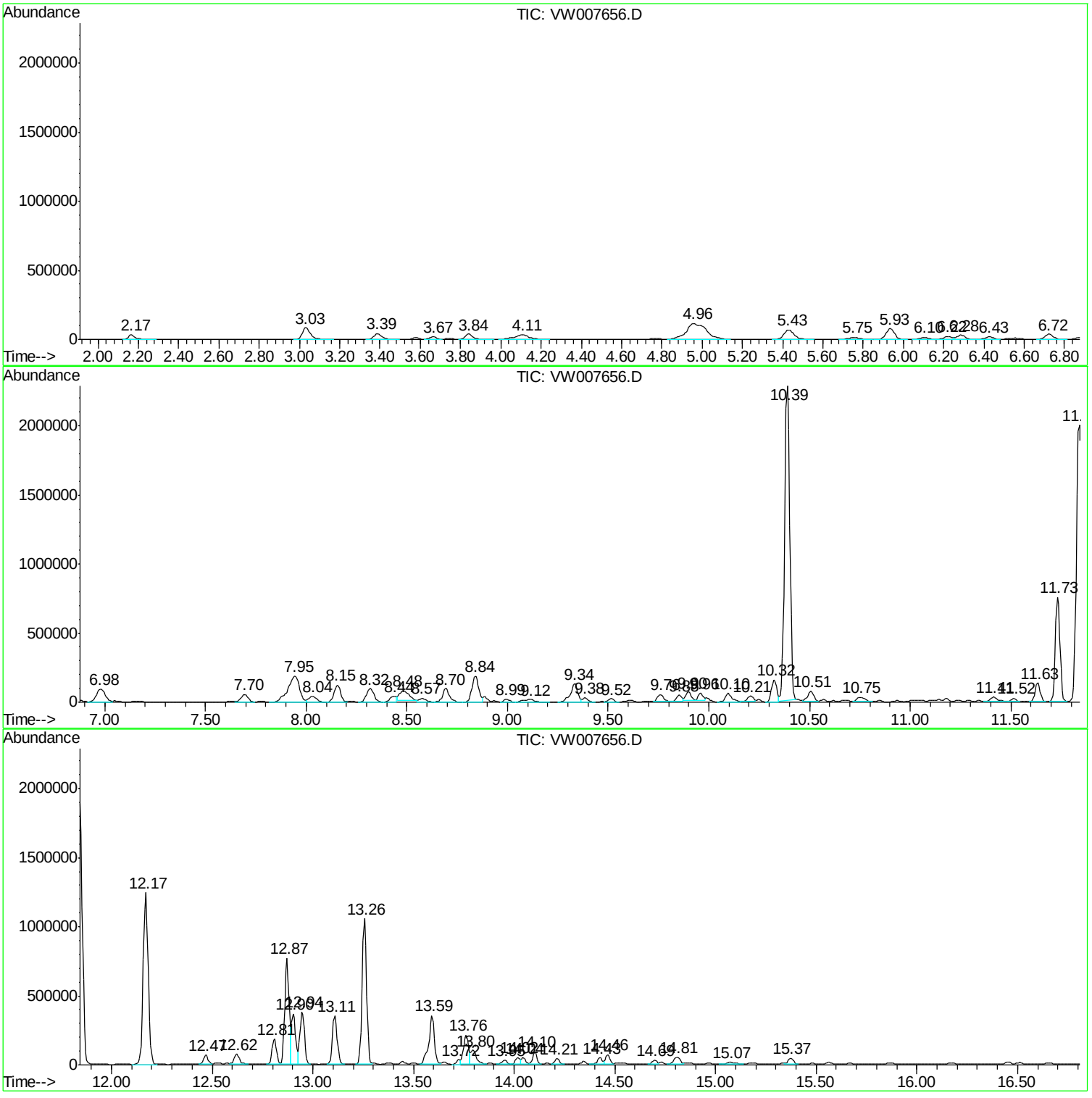
Sample : J6353-01
Misc : 6.10G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

****

Peak Number 1 Pentane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	53.40 ug/l	802684	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	58
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47
4	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	39
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38

****

Peak Number 2 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	18.50 ug/l	278147	Pentafluorobenzene	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64

****

Peak Number 3 Hexane, 2,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	25.32 ug/l	228251	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	56
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	9

****

Peak Number 4 Heptane Concentration Rank 6

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

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Sample : J6353-01
Misc : 6.10G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

8.70	26.73 ug/l	240964	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	47
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
4	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	43
5	Oxirane, butyl-	100	C6H12O	001436-34-6	38

****

Peak Number 5 Hexane, 3-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	34.02 ug/l	152999	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-	114	C8H18	000619-99-8	58
2	Octane	114	C8H18	000111-65-9	58
3	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	43
4	2-Octene	112	C8H16	000111-67-1	41
5	2-Octene, (Z)-	112	C8H16	007642-04-8	41

****

Peak Number 6 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	18.23 ug/l	81986	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	74
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	55
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	46
4	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	46
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	38

****

Peak Number 7 Octane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	20.06 ug/l	90228	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual

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Instrument : MSVOA_W
ClientSampleId :

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Quant Title : SW846 8260

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

1	Octane, 2-methyl-	128	C9H20	003221-61-2 90
2	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7 53
3	Dodecane, 5-methyl-	184	C13H28	017453-93-9 47
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2 43
5	Octane	114	C8H18	000111-65-9 43

****

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	90.99 ug/l	1237830	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	43.38 ug/l	590223	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90

****

Peak Number 10 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	27.23 ug/l	370432	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	86
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70

Library Search Compound Report

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MSVOA_W
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260

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

4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70

Tentatively Identified Compound (LSC) summary

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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
Pentane, 2-methyl-	4.96	53.4	ug/l	802684	1	7.95	751636	50.0
Cyclopentane, met...	6.98	18.5	ug/l	278147	1	7.95	751636	50.0
Hexane, 2,2-dimet...	8.48	25.3	ug/l	228251	2	8.84	450757	50.0
Heptane	8.70	26.7	ug/l	240964	2	8.84	450757	50.0
Hexane, 3-ethyl-	10.51	34.0	ug/l	152999	3	11.63	224898	50.0
Cyclohexane, 1,3-...	10.75	18.2	ug/l	81986	3	11.63	224898	50.0
Octane, 2-methyl-	11.41	20.1	ug/l	90228	3	11.63	224898	50.0
Benzene, 1-ethyl-...	12.87	91.0	ug/l	1237830	4	13.56	680216	50.0
Benzene, 1-ethyl-...	13.11	43.4	ug/l	590223	4	13.56	680216	50.0
Benzene, 1-etheny...	13.76	27.2	ug/l	370432	4	13.56	680216	50.0