LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003431.D
Acq On : 22 Jun 2018 17:29
Operator : SY/AP
Sample : J3621-09
Misc : 6.97G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ61

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SOM2WLM062018S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.642	7	9	14	rVB2	385	506	0.02%	0.004%
2	1.746	17	26	28	rBV	8046	16130	0.55%	0.139%
3	1.807	28	36	58	rVB	1316073	2959448	100.00%	25.528%
4	2.154	87	93	115	rBV	66284	220843	7.46%	1.905%
5	2.349	120	125	136	rVB	85482	156892	5.30%	1.353%
6	2.886	207	213	228	rVB	56521	140277	4.74%	1.210%
7	4.008	384	397	412	rBV	126807	387023	13.08%	3.338%
8	4.642	499	501	504	rBV2	474	428	0.01%	0.004%
9	4.672	504	506	508	rBV2	474	365	0.01%	0.003%
10	4.800	525	527	529	rBV2	248	264	0.01%	0.002%
11	4.916	534	546	557	rBV3	8023	30618	1.03%	0.264%
12	5.013	561	562	566	rVB2	390	403	0.01%	0.003%
13	5.062	566	570	571	rBV2	334	339	0.01%	0.003%
14	5.166	585	587	590	rBV	413	428	0.01%	0.004%
15	5.257	600	602	606	rVB	405	318	0.01%	0.003%
16	5.416	625	628	631	rVB3	555	725	0.02%	0.006%
17	5.452	631	634	636	rVB	372	346	0.01%	0.003%
18	5.471	636	637	641	rVB2	306	312	0.01%	0.003%
19	5.507	641	643	645	rBV	381	421	0.01%	0.004%
20	5.568	650	653	654	rBV	373	350	0.01%	0.003%
21	5.605	658	659	661	rBV2	413	265	0.01%	0.002%
22	5.739	677	681	683	rBV3	421	673	0.02%	0.006%
23	5.940	704	714	723	rVV3	6791	19754	0.67%	0.170%
24	6.068	733	735	737	rBV2	435	420	0.01%	0.004%
25	6.245	762	764	765	rBV2	384	287	0.01%	0.002%
26	6.336	777	779	781	rBV2	263	272	0.01%	0.002%
27	6.385	785	787	788	rBV2	375	296	0.01%	0.003%
28	6.684	833	836	839	rBV2	228	279	0.01%	0.002%
29	6.714	839	841	844	rBV2	391	385	0.01%	0.003%
30	6.775	847	851	854	rBV3	302	595	0.02%	0.005%
31	6.861	863	865	869	rBV2	321	455	0.02%	0.004%
32	7.031	889	893	894	rBV2	368	375	0.01%	0.003%
33	7.092	894	903	923	rVV	33092	101025	3.41%	0.871%
34	7.434	958	959	963	rBV2	360	360	0.01%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003431.D
Acq On : 22 Jun 2018 17:29
Operator : SY/AP
Sample : J3621-09
Misc : 6.97G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ61

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SOM2WLM062018S.M
Title : VOC Analysis

35	7.489	966	968	970	rBV2	231	270	0.01%	0.002%
36	7.525	972	974	975	rBV	496	316	0.01%	0.003%
37	7.653	983	995	1005	rBV	197329	482253	16.30%	4.160%
38	7.958	1038	1045	1047	rBV5	833	1849	0.06%	0.016%
39	8.281	1084	1098	1113	rBV2	367518	1100188	37.18%	9.490%
40	8.403	1116	1118	1120	rVV3	601	411	0.01%	0.004%
41	8.525	1135	1138	1139	rBV3	362	381	0.01%	0.003%
42	8.677	1160	1163	1164	rBV3	397	479	0.02%	0.004%
43	8.848	1182	1191	1202	rBV	396875	793598	26.82%	6.845%
44	8.976	1210	1212	1214	rVB2	385	266	0.01%	0.002%
45	9.092	1221	1231	1237	rVB8	2265	6306	0.21%	0.054%
46	9.165	1240	1243	1245	rBV2	468	415	0.01%	0.004%
47	9.281	1253	1262	1270	rBV	267069	543682	18.37%	4.690%
48	9.476	1293	1294	1298	rVB4	419	424	0.01%	0.004%
49	9.525	1298	1302	1303	rBV2	267	352	0.01%	0.003%
50	9.671	1319	1326	1328	rBV4	1496	2027	0.07%	0.017%
51	9.848	1349	1355	1356	rBV3	222	384	0.01%	0.003%
52	9.878	1358	1360	1362	rBV2	473	420	0.01%	0.004%
53	9.952	1368	1372	1375	rBV3	657	880	0.03%	0.008%
54	10.037	1379	1386	1395	rBV	133712	244036	8.25%	2.105%
55	10.275	1422	1425	1426	rBV2	264	263	0.01%	0.002%
56	10.330	1426	1434	1441	rBV	524946	912459	30.83%	7.871%
57	10.445	1451	1453	1457	rVB3	514	590	0.02%	0.005%
58	10.512	1459	1464	1469	rVB6	962	1663	0.06%	0.014%
59	10.580	1469	1475	1485	rBV	94159	162471	5.49%	1.401%
60	10.683	1490	1492	1495	rBV	418	471	0.02%	0.004%
61	10.769	1503	1506	1509	rBV5	689	1144	0.04%	0.010%
62	10.933	1526	1533	1546	rBV	134905	232293	7.85%	2.004%
63	11.153	1566	1569	1571	rBV3	597	693	0.02%	0.006%
64	11.287	1589	1591	1593	rBV2	478	478	0.02%	0.004%
65	11.409	1607	1611	1617	rVB5	739	1598	0.05%	0.014%
66	11.634	1641	1648	1656	rVV	587760	981374	33.16%	8.465%
67	11.848	1678	1683	1689	rVB4	2706	4426	0.15%	0.038%
68	11.970	1700	1703	1707	rBV3	418	719	0.02%	0.006%
69	12.000	1707	1708	1712	rVV2	356	299	0.01%	0.003%
70	12.122	1726	1728	1732	rBV2	306	563	0.02%	0.005%
71	12.171	1733	1736	1742	rVB4	1160	2008	0.07%	0.017%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003431.D
Acq On : 22 Jun 2018 17:29
Operator : SY/AP
Sample : J3621-09
Misc : 6.97G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ61

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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\SOM2WLM062018S.M
Title : VOC Analysis

72	12.360	1764	1767	1771	rVB3	356	579	0.02%	0.005%
73	12.402	1771	1774	1776	rBV2	318	344	0.01%	0.003%
74	12.567	1798	1801	1803	rBV2	514	720	0.02%	0.006%
75	12.616	1803	1809	1813	rBV2	2511	4510	0.15%	0.039%
76	12.701	1815	1823	1830	rBV	207562	340613	11.51%	2.938%
77	12.823	1841	1843	1846	rBV3	379	400	0.01%	0.003%
78	12.872	1850	1851	1853	rBV	489	396	0.01%	0.003%
79	12.933	1860	1861	1862	rBV	507	263	0.01%	0.002%
80	12.982	1867	1869	1874	rBV2	293	429	0.01%	0.004%
81	13.232	1909	1910	1912	rVB2	491	282	0.01%	0.002%
82	13.299	1918	1921	1922	rBV	340	283	0.01%	0.002%
83	13.475	1946	1950	1954	rBV4	2702	3877	0.13%	0.033%
84	13.567	1958	1965	1973	rVV	561974	878087	29.67%	7.574%
85	13.658	1976	1980	1984	rBV3	1673	2631	0.09%	0.023%
86	13.859	2006	2013	2020	rBV	487803	794802	26.86%	6.856%
87	14.085	2045	2050	2058	rVB2	14364	23378	0.79%	0.202%
88	14.237	2071	2075	2085	rVB7	1583	3270	0.11%	0.028%
89	14.329	2088	2090	2091	rBV	967	760	0.03%	0.007%
90	14.536	2119	2124	2128	rVB5	898	1504	0.05%	0.013%
91	14.634	2139	2140	2145	rVB3	841	915	0.03%	0.008%
92	14.835	2171	2173	2174	rBV2	477	337	0.01%	0.003%
93	14.890	2181	2182	2184	rVB2	631	363	0.01%	0.003%
94	14.914	2184	2186	2187	rBV2	502	351	0.01%	0.003%
95	15.170	2226	2228	2230	rBV3	586	702	0.02%	0.006%
96	15.188	2230	2231	2234	rVV3	953	978	0.03%	0.008%
97	15.341	2254	2256	2258	rBV2	535	440	0.01%	0.004%
98	15.420	2265	2269	2274	rVB7	1286	2162	0.07%	0.019%
99	15.512	2280	2284	2289	rBV3	2655	4563	0.15%	0.039%
100	15.780	2324	2328	2329	rBV3	649	897	0.03%	0.008%

Sum of corrected areas: 11593162

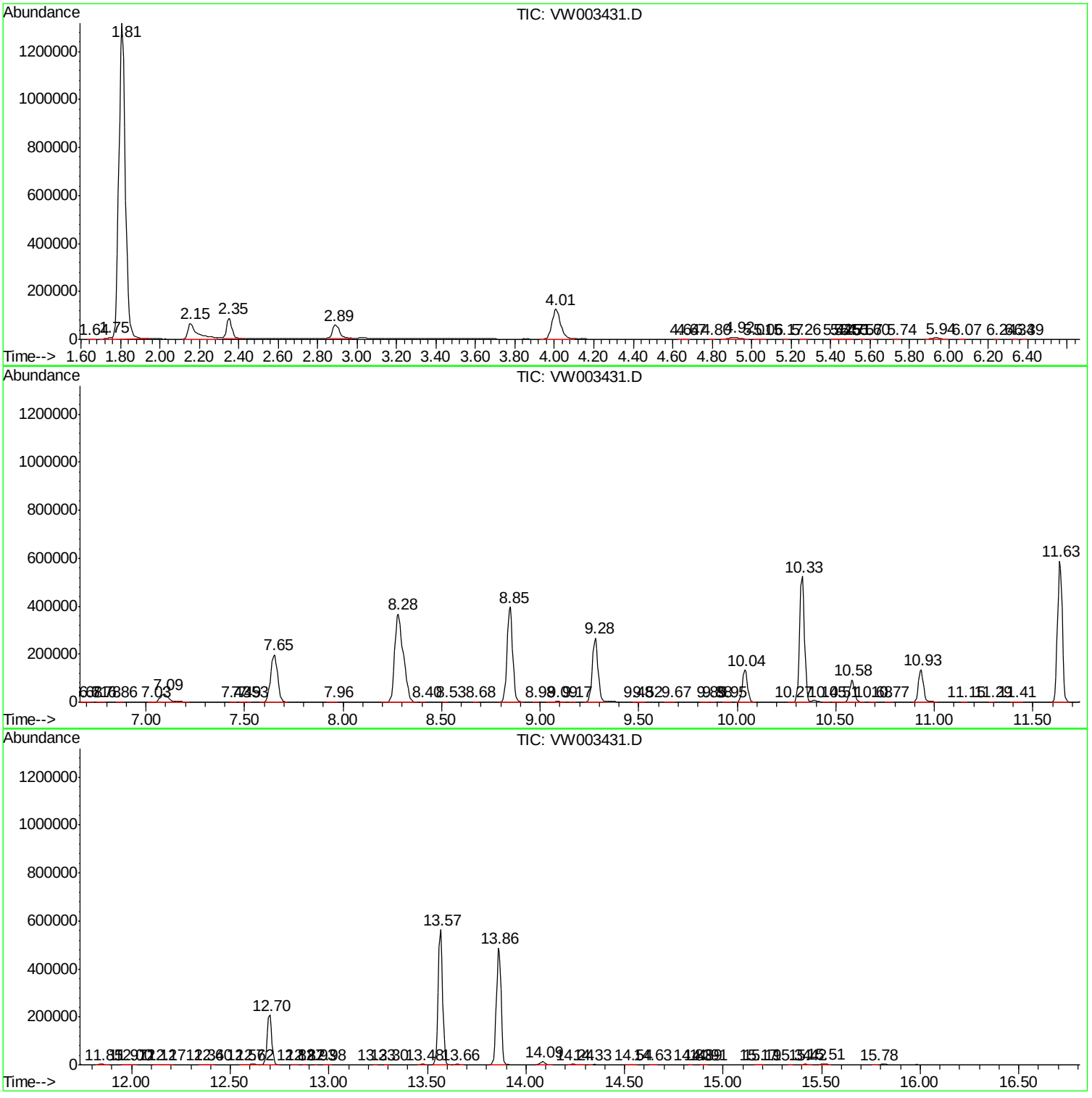
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003431.D
Acq On : 22 Jun 2018 17:29
Operator : SY/AP
Sample : J3621-09
Misc : 6.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ61

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062218\
Data File : VW003431.D
Acq On : 22 Jun 2018 17:29
Operator : SY/AP
Sample : J3621-09
Misc : 6.97G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ61

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

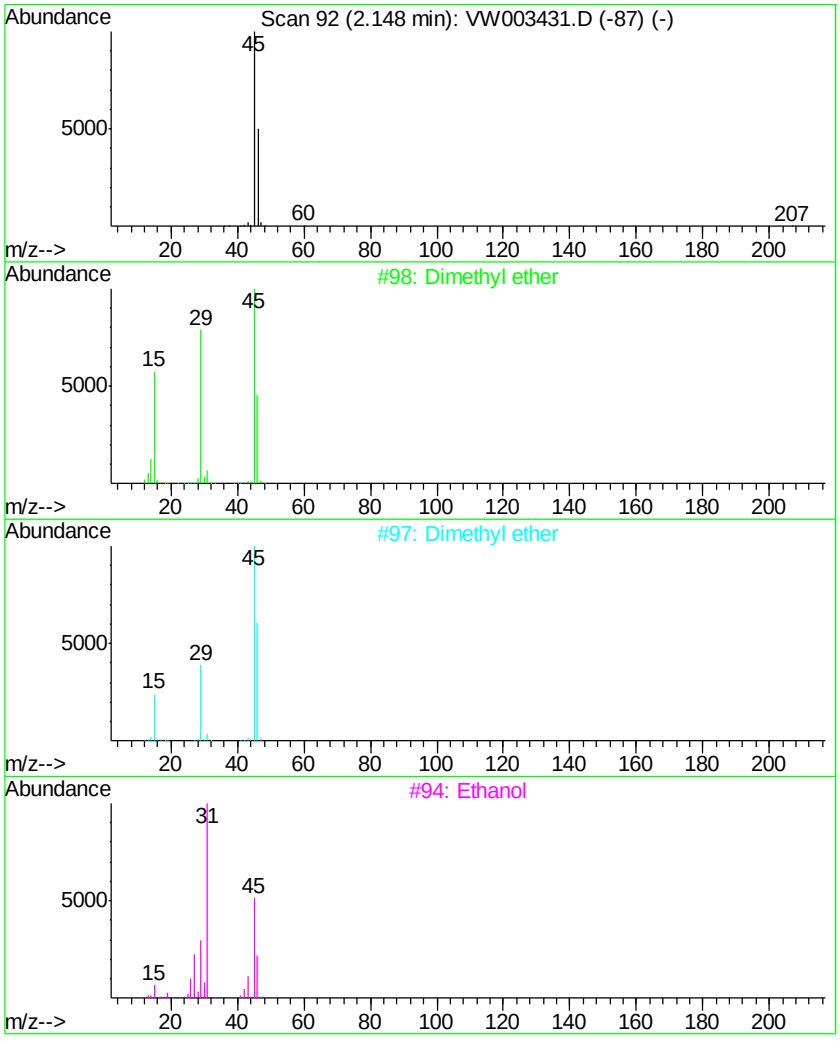
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

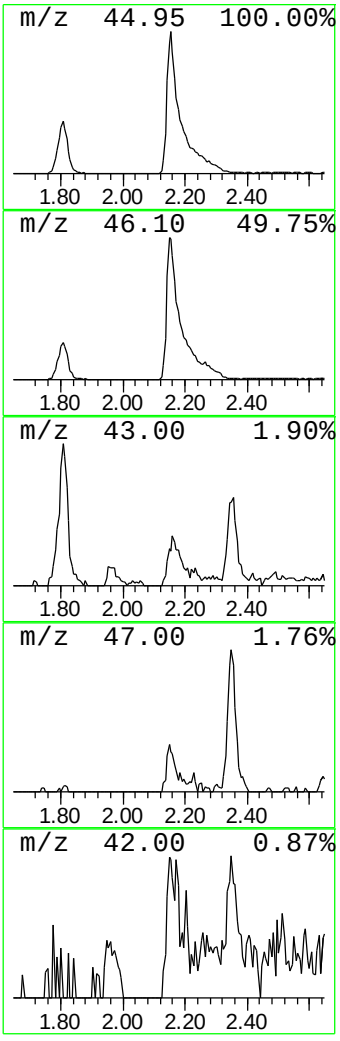
****

Peak Number 2 Dimethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	6.96 ug/L	220843	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
2	Dimethyl ether	46	C2H6O	000115-10-6	74
3	Ethanol	46	C2H6O	000064-17-5	7
4	Ethanol	46	C2H6O	000064-17-5	7
5	Formic acid	46	CH2O2	000064-18-6	5





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003431.D
Acq On : 22 Jun 2018 17:29
Operator : SY/AP
Sample : J3621-09
Misc : 6.97G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DAZ61

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	2.15	7.0	ug/L	220843	1	8.85	793598	25.0