LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010099.D
Acq On : 03 Apr 2019 18:56
Operator : SY/MD
Sample : K2148-06RE
Misc : 5.42G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G3RE

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_V\METHOD\SOM2VLM040219S.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	1.209	32	37	48	rBV2	17879	23235	3.32%	0.452%
2	1.322	66	72	81	rVB	91099	90432	12.94%	1.761%
3	1.569	143	149	158	rVB	84624	100021	14.31%	1.948%
4	2.126	314	322	334	rBV	216863	300856	43.04%	5.858%
5	2.473	428	430	435	rVB3	851	374	0.05%	0.007%
6	2.537	437	450	465	rBV2	41497	71744	10.26%	1.397%
7	2.708	501	503	508	rVV2	772	602	0.09%	0.012%
8	2.849	544	547	549	rBV	450	298	0.04%	0.006%
9	2.923	568	570	574	rVB3	747	376	0.05%	0.007%
10	2.978	583	587	589	rBV3	583	391	0.06%	0.008%
11	3.074	603	617	631	rBV4	8675	17860	2.56%	0.348%
12	3.138	634	637	642	rVB3	739	598	0.09%	0.012%
13	3.405	717	720	721	rBV2	607	346	0.05%	0.007%
14	3.544	756	763	767	rBB2	782	600	0.09%	0.012%
15	3.823	845	850	857	rBV4	656	879	0.13%	0.017%
16	3.865	861	863	867	rVB2	535	310	0.04%	0.006%
17	3.933	873	884	904	rBV2	31105	81098	11.60%	1.579%
18	4.209	967	970	972	rBV2	571	312	0.04%	0.006%
19	4.232	975	977	984	rVB3	998	564	0.08%	0.011%
20	4.264	984	987	989	rBV2	467	296	0.04%	0.006%
21	4.402	1013	1030	1055	rBV3	110183	294605	42.15%	5.737%
22	4.727	1130	1131	1138	rVB5	900	723	0.10%	0.014%
23	4.756	1138	1140	1143	rBV3	485	293	0.04%	0.006%
24	4.814	1154	1158	1160	rBV	763	533	0.08%	0.010%
25	5.097	1227	1246	1269	rBV3	272902	698949	100.00%	13.610%
26	5.283	1302	1304	1306	rBV2	636	322	0.05%	0.006%
27	5.444	1350	1354	1356	rVV4	609	378	0.05%	0.007%
28	5.537	1381	1383	1386	rBV2	923	517	0.07%	0.010%
29	5.662	1409	1422	1439	rBV2	229243	455167	65.12%	8.863%
30	5.888	1490	1492	1495	rVB3	733	426	0.06%	0.008%
31	5.949	1504	1511	1515	rBV4	3321	4084	0.58%	0.080%
32	6.010	1526	1530	1532	rBV3	604	416	0.06%	0.008%
33	6.052	1542	1543	1546	rVB	755	298	0.04%	0.006%
34	6.116	1546	1563	1581	rBV	162131	330829	47.33%	6.442%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010099.D
Acq On : 03 Apr 2019 18:56
Operator : SY/MD
Sample : K2148-06RE
Misc : 5.42G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G3RE

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_V\METHOD\SOM2VLM040219S.M
Title : VOC Analysis

35	6.379	1640	1645	1649	rBV3	543	663	0.09%	0.013%
36	6.437	1659	1663	1667	rBV4	595	427	0.06%	0.008%
37	6.460	1667	1670	1674	rBV2	352	324	0.05%	0.006%
38	6.553	1697	1699	1706	rVB2	370	314	0.04%	0.006%
39	6.646	1726	1728	1731	rBV3	795	456	0.07%	0.009%
40	6.897	1803	1806	1808	rBV2	451	295	0.04%	0.006%
41	6.945	1817	1821	1824	rBV2	365	316	0.05%	0.006%
42	7.029	1835	1847	1864	rBV2	74514	133374	19.08%	2.597%
43	7.180	1885	1894	1898	rBV6	1138	1308	0.19%	0.025%
44	7.296	1923	1930	1931	rBV4	968	800	0.11%	0.016%
45	7.360	1936	1950	1968	rBV	306215	543753	77.80%	10.588%
46	7.605	2018	2026	2027	rBV4	862	935	0.13%	0.018%
47	7.662	2035	2044	2061	rBV2	46617	77850	11.14%	1.516%
48	7.955	2130	2135	2136	rBV2	652	546	0.08%	0.011%
49	8.016	2146	2154	2166	rVB5	9432	16000	2.29%	0.312%
50	8.132	2178	2190	2216	rBV	104445	196530	28.12%	3.827%
51	8.389	2267	2270	2276	rVB3	606	395	0.06%	0.008%
52	8.524	2305	2312	2313	rBV2	577	473	0.07%	0.009%
53	8.595	2332	2334	2337	rBV2	469	335	0.05%	0.007%
54	8.678	2356	2360	2362	rBV	771	385	0.06%	0.007%
55	8.714	2368	2371	2373	rBV2	479	307	0.04%	0.006%
56	8.810	2397	2401	2406	rVB	704	574	0.08%	0.011%
57	8.836	2406	2409	2414	rBV3	611	606	0.09%	0.012%
58	8.897	2414	2428	2450	rBV	312731	536244	76.72%	10.442%
59	9.045	2472	2474	2475	rBV	766	296	0.04%	0.006%
60	9.055	2475	2477	2480	rVB3	767	420	0.06%	0.008%
61	9.100	2489	2491	2496	rVB2	695	394	0.06%	0.008%
62	9.347	2564	2568	2574	rBV4	622	608	0.09%	0.012%
63	9.450	2596	2600	2602	rBV2	389	312	0.04%	0.006%
64	9.621	2650	2653	2658	rVB4	795	666	0.10%	0.013%
65	9.977	2760	2764	2766	rBV2	772	497	0.07%	0.010%
66	10.019	2774	2777	2779	rVB	618	323	0.05%	0.006%
67	10.035	2779	2782	2783	rBV	571	290	0.04%	0.006%
68	10.260	2840	2852	2871	rBV	170587	275831	39.46%	5.371%
69	10.421	2896	2902	2914	rVB5	5110	7879	1.13%	0.153%
70	10.775	3008	3012	3016	rBV2	575	528	0.08%	0.010%
71	10.881	3042	3045	3047	rBV3	483	336	0.05%	0.007%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040319\
Data File : VV010099.D
Acq On : 03 Apr 2019 18:56
Operator : SY/MD
Sample : K2148-06RE
Misc : 5.42G/10mL/MSVOA V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G3RE

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_V\METHOD\SOM2VLM040219S.M
Title : VOC Analysis

72	10.916	3053	3056	3059	rVB2	465	290	0.04%	0.006%
73	10.955	3062	3068	3069	rBV2	1082	865	0.12%	0.017%
74	11.074	3099	3105	3110	rBV3	698	1070	0.15%	0.021%
75	11.119	3117	3119	3123	rBV3	511	299	0.04%	0.006%
76	11.296	3162	3174	3192	rBV	232644	416877	59.64%	8.117%
77	11.392	3202	3204	3207	rBV2	462	310	0.04%	0.006%
78	11.415	3209	3211	3214	rBV3	845	673	0.10%	0.013%
79	11.675	3279	3292	3311	rBV	237073	411073	58.81%	8.004%
80	11.810	3330	3334	3336	rBV2	667	408	0.06%	0.008%
81	12.112	3426	3428	3431	rVB2	682	436	0.06%	0.008%
82	12.141	3431	3437	3441	rBV4	605	804	0.12%	0.016%
83	12.280	3477	3480	3481	rVV	1043	606	0.09%	0.012%
84	12.299	3481	3486	3499	rVB2	4237	6072	0.87%	0.118%
85	12.392	3510	3515	3520	rBV3	732	895	0.13%	0.017%
86	12.440	3526	3530	3533	rBV2	432	405	0.06%	0.008%
87	12.501	3547	3549	3552	rVB2	613	327	0.05%	0.006%
88	12.534	3557	3559	3562	rVV3	580	300	0.04%	0.006%
89	12.649	3592	3595	3598	rVB3	646	437	0.06%	0.009%
90	12.772	3630	3633	3636	rBV3	541	347	0.05%	0.007%
91	12.916	3675	3678	3681	rBV2	669	571	0.08%	0.011%
92	13.087	3725	3731	3733	rBV4	700	677	0.10%	0.013%
93	13.312	3798	3801	3806	rBV3	599	470	0.07%	0.009%
94	13.794	3947	3951	3958	rVB4	6426	6537	0.94%	0.127%
95	13.929	3989	3993	3994	rBV3	803	435	0.06%	0.008%
96	14.270	4096	4099	4104	rBV3	722	572	0.08%	0.011%
97	14.553	4183	4187	4188	rBV	528	381	0.05%	0.007%
98	14.784	4255	4259	4264	rBV3	980	936	0.13%	0.018%
99	15.646	4525	4527	4532	rBV2	915	952	0.14%	0.019%
100	15.820	4573	4581	4582	rBV5	1020	1240	0.18%	0.024%

Sum of corrected areas: 5135587

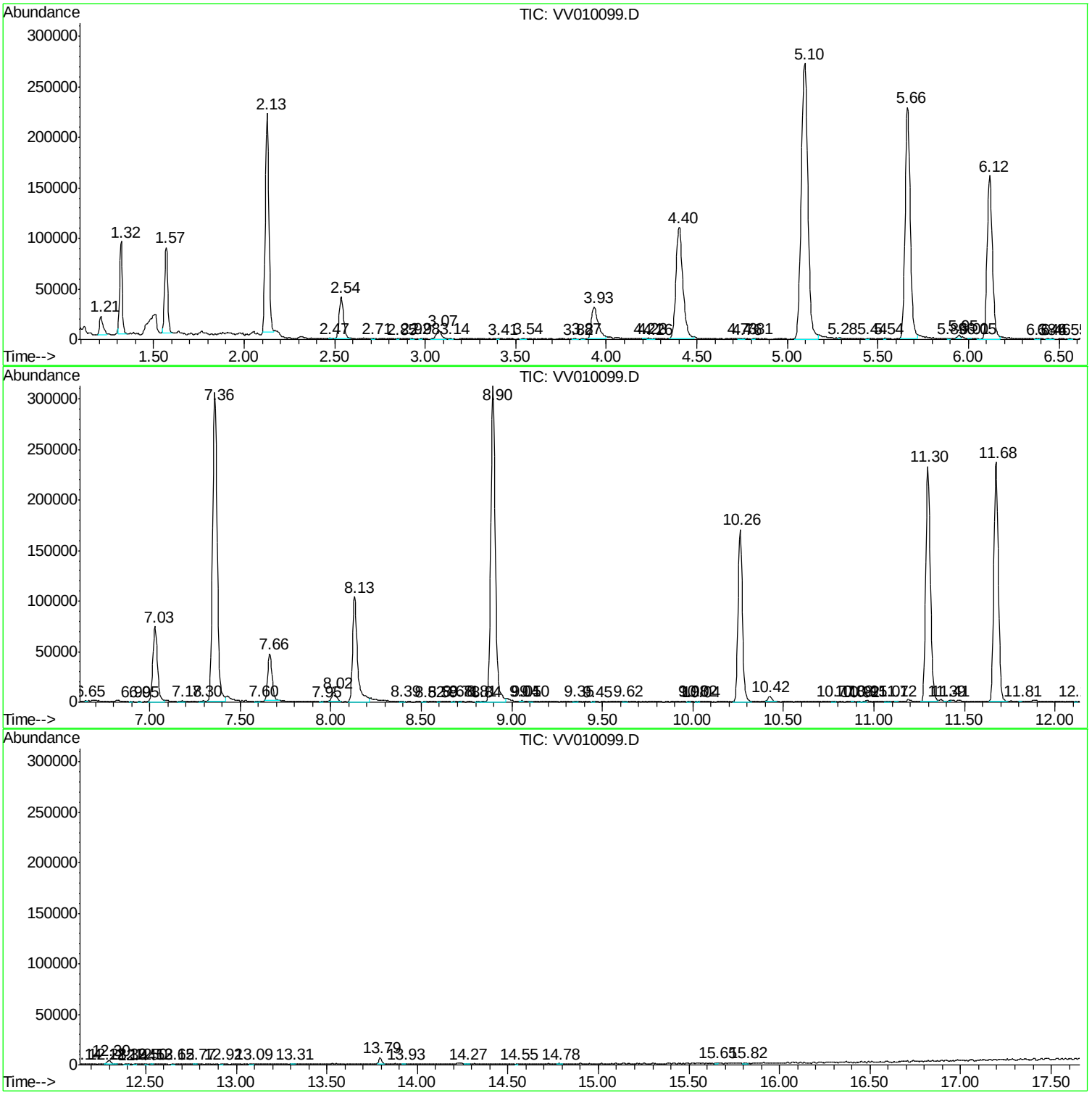
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010099.D
Acq On : 03 Apr 2019 18:56
Operator : SY/MD
Sample : K2148-06RE
Misc : 5.42G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G3RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010099.D
Acq On : 03 Apr 2019 18:56
Operator : SY/MD
Sample : K2148-06RE
Misc : 5.42G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G3RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis

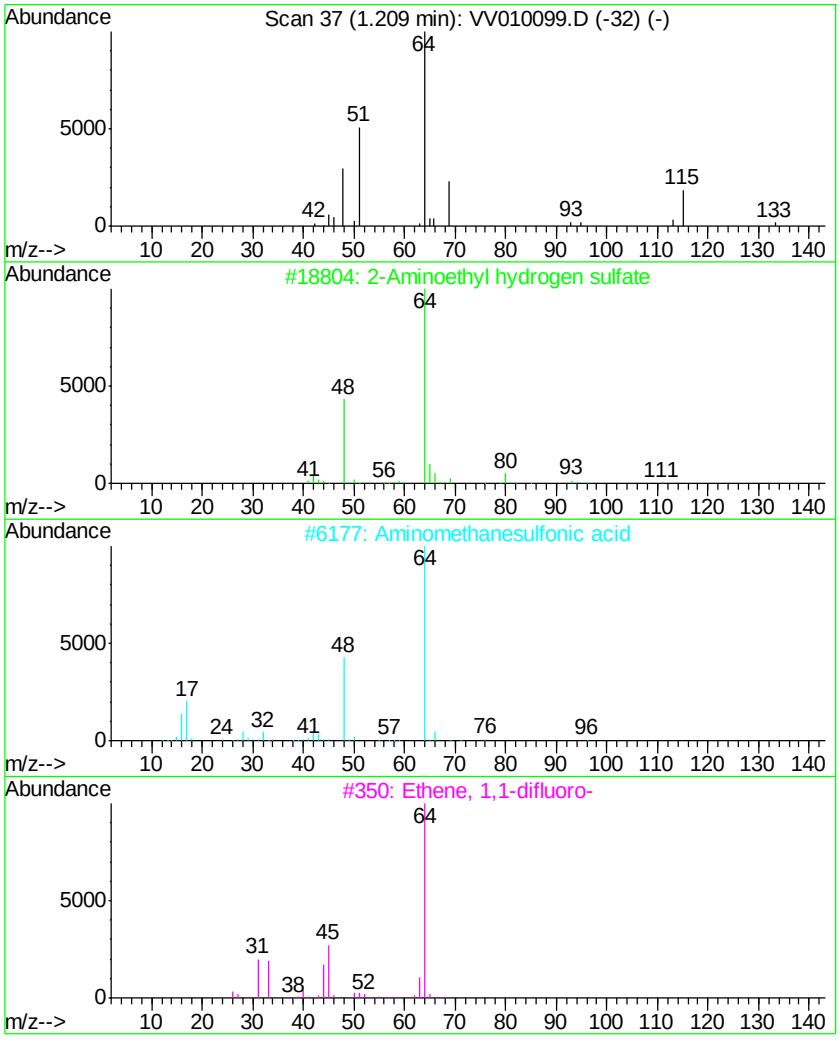
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

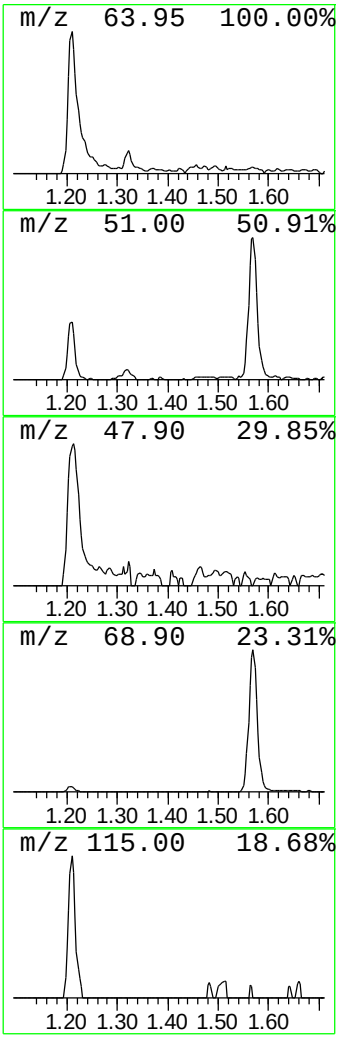
****

Peak Number 1 2-Aminoethyl hydrogen sulfate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	1.28 ug/L	23235	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	39
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
4	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5
5	Sulfur dioxide	64	O2S	007446-09-5	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
Data File : VV010099.D
Acq On : 03 Apr 2019 18:56
Operator : SY/MD
Sample : K2148-06RE
Misc : 5.42G/10mL/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G3RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.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
2-Aminoethyl hydr...	1.21	1.3	ug/L	23235	1	5.67	455167	25.0