LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011110.D
Acq On : 29 May 2019 16:43
Operator : SY/MD
Sample : K3006-12
Misc : 3.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH74

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\SOM2VLM052819S.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	1.315	65	70	79	rVB	200604	181891	14.83%	2.099%
2	1.573	144	150	159	rVB	144443	156719	12.78%	1.808%
3	2.126	314	322	333	rVB	304302	423882	34.56%	4.891%
4	3.331	693	697	701	rBV6	1203	1187	0.10%	0.014%
5	3.383	709	713	717	rBV6	1050	813	0.07%	0.009%
6	3.460	733	737	739	rBV3	1068	890	0.07%	0.010%
7	3.527	756	758	762	rVB4	1021	538	0.04%	0.006%
8	3.653	796	797	799	rBV2	938	461	0.04%	0.005%
9	3.769	832	833	836	rBV3	1020	444	0.04%	0.005%
10	3.833	852	853	856	rBV3	859	499	0.04%	0.006%
11	3.939	877	886	896	rBV2	36660	95534	7.79%	1.102%
12	4.402	1016	1030	1058	rVB3	165957	483709	39.43%	5.581%
13	4.730	1128	1132	1133	rBV3	1550	1042	0.08%	0.012%
14	4.778	1145	1147	1151	rBV4	983	665	0.05%	0.008%
15	4.826	1160	1162	1165	rBV4	1041	743	0.06%	0.009%
16	5.023	1218	1223	1225	rBV4	1052	826	0.07%	0.010%
17	5.093	1227	1245	1261	rBV2	506166	1226685	100.00%	14.155%
18	5.486	1364	1367	1368	rBV3	937	565	0.05%	0.007%
19	5.598	1398	1402	1403	rBV4	896	565	0.05%	0.007%
20	5.662	1408	1422	1459	rVV	437744	900900	73.44%	10.395%
21	6.042	1537	1540	1544	rBV4	1014	908	0.07%	0.010%
22	6.116	1549	1563	1586	rBV	284845	585553	47.73%	6.757%
23	6.370	1638	1642	1644	rBV4	1027	631	0.05%	0.007%
24	6.460	1669	1670	1675	rBV5	1181	1004	0.08%	0.012%
25	6.498	1679	1682	1685	rBV4	1468	932	0.08%	0.011%
26	6.576	1703	1706	1708	rVB3	1038	563	0.05%	0.006%
27	6.621	1713	1720	1722	rBV7	1283	1187	0.10%	0.014%
28	6.646	1726	1728	1730	rBV2	1293	787	0.06%	0.009%
29	6.804	1775	1777	1781	rVB5	1192	740	0.06%	0.009%
30	6.826	1781	1784	1787	rBV4	900	697	0.06%	0.008%
31	6.923	1811	1814	1819	rVB6	1487	1465	0.12%	0.017%
32	6.955	1819	1824	1828	rBV6	1130	1195	0.10%	0.014%
33	6.981	1828	1832	1834	rBV3	1197	957	0.08%	0.011%
34	7.029	1836	1847	1862	rBV	158561	276958	22.58%	3.196%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011110.D
Acq On : 29 May 2019 16:43
Operator : SY/MD
Sample : K3006-12
Misc : 3.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH74

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\SOM2VLM052819S.M
Title : VOC Analysis

35	7.183	1893	1895	1901	rVB7	1004	811	0.07%	0.009%
36	7.257	1913	1918	1919	rBV3	1570	1190	0.10%	0.014%
37	7.357	1937	1949	1971	rBV	577233	1019962	83.15%	11.769%
38	7.608	2022	2027	2030	rBV5	1413	1252	0.10%	0.014%
39	7.662	2033	2044	2063	rVV	98712	168921	13.77%	1.949%
40	7.929	2122	2127	2128	rBV5	1531	1202	0.10%	0.014%
41	8.048	2162	2164	2166	rVB3	1157	477	0.04%	0.006%
42	8.132	2177	2190	2220	rBV	128875	244621	19.94%	2.823%
43	8.592	2330	2333	2335	rBV4	897	642	0.05%	0.007%
44	8.637	2343	2347	2348	rBV4	911	624	0.05%	0.007%
45	8.669	2355	2357	2358	rBV2	1064	449	0.04%	0.005%
46	8.849	2409	2413	2414	rBV3	1065	726	0.06%	0.008%
47	8.894	2415	2427	2453	rVV	602088	1004865	81.92%	11.595%
48	9.276	2544	2546	2549	rBV3	821	511	0.04%	0.006%
49	9.305	2553	2555	2558	rBV3	1389	856	0.07%	0.010%
50	9.476	2606	2608	2614	rVB7	1349	1142	0.09%	0.013%
51	9.505	2615	2617	2619	rBV2	1097	533	0.04%	0.006%
52	9.588	2636	2643	2646	rBV9	4559	5463	0.45%	0.063%
53	9.649	2660	2662	2666	rBV5	1038	663	0.05%	0.008%
54	9.739	2688	2690	2694	rVB3	1334	1046	0.09%	0.012%
55	9.765	2696	2698	2700	rBV3	1300	724	0.06%	0.008%
56	9.833	2714	2719	2722	rBV6	1175	1129	0.09%	0.013%
57	9.926	2743	2748	2749	rBV3	1207	849	0.07%	0.010%
58	10.058	2784	2789	2790	rBV4	850	728	0.06%	0.008%
59	10.170	2822	2824	2826	rBV2	864	503	0.04%	0.006%
60	10.260	2840	2852	2867	rBV	193484	309517	25.23%	3.571%
61	10.347	2878	2879	2886	rBV5	960	845	0.07%	0.010%
62	10.376	2886	2888	2891	rVV4	1609	1046	0.09%	0.012%
63	10.421	2895	2902	2913	rVB3	7628	13111	1.07%	0.151%
64	10.469	2915	2917	2918	rBV2	867	437	0.04%	0.005%
65	10.572	2944	2949	2950	rBV4	1229	977	0.08%	0.011%
66	10.678	2980	2982	2985	rVB3	1686	796	0.06%	0.009%
67	10.704	2985	2990	2995	rBV7	1340	1366	0.11%	0.016%
68	10.755	3004	3006	3010	rBV6	867	628	0.05%	0.007%
69	10.919	3054	3057	3059	rVB4	1159	710	0.06%	0.008%
70	10.955	3062	3068	3069	rBV5	2891	2227	0.18%	0.026%
71	11.067	3098	3103	3105	rBV4	1277	1138	0.09%	0.013%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011110.D
Acq On : 29 May 2019 16:43
Operator : SY/MD
Sample : K3006-12
Misc : 3.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH74

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\SOM2VLM052819S.M
Title : VOC Analysis

72	11.186	3136	3140	3141	rBV3	1688	1218	0.10%	0.014%
73	11.296	3162	3174	3191	rBV	451307	746243	60.83%	8.611%
74	11.582	3260	3263	3265	rBV3	1149	649	0.05%	0.007%
75	11.598	3265	3268	3271	rVB5	1325	904	0.07%	0.010%
76	11.617	3271	3274	3275	rBV2	1132	702	0.06%	0.008%
77	11.672	3278	3291	3307	rBV	381727	633377	51.63%	7.308%
78	11.987	3386	3389	3390	rBV3	1001	609	0.05%	0.007%
79	12.292	3478	3484	3485	rBV4	4774	4092	0.33%	0.047%
80	12.476	3538	3541	3543	rBV3	831	604	0.05%	0.007%
81	12.537	3557	3560	3562	rBV2	1591	804	0.07%	0.009%
82	12.575	3569	3572	3574	rVB4	1444	615	0.05%	0.007%
83	12.746	3622	3625	3628	rBV3	973	521	0.04%	0.006%
84	13.029	3711	3713	3714	rBV2	913	465	0.04%	0.005%
85	13.119	3738	3741	3743	rBV3	1580	1097	0.09%	0.013%
86	13.161	3752	3754	3759	rBV4	1060	910	0.07%	0.011%
87	13.305	3797	3799	3802	rBV4	822	610	0.05%	0.007%
88	13.463	3845	3848	3849	rBV3	1113	646	0.05%	0.007%
89	13.546	3871	3874	3879	rBV6	1466	1752	0.14%	0.020%
90	13.633	3898	3901	3903	rVB4	1370	851	0.07%	0.010%
91	13.704	3920	3923	3927	rBV4	1075	926	0.08%	0.011%
92	13.726	3927	3930	3935	rVB6	1241	899	0.07%	0.010%
93	13.794	3945	3951	3962	rVB6	5064	8430	0.69%	0.097%
94	13.836	3962	3964	3966	rBV3	1031	434	0.04%	0.005%
95	14.263	4095	4097	4101	rBV4	1485	1167	0.10%	0.013%
96	14.318	4113	4114	4118	rBV4	1000	606	0.05%	0.007%
97	14.768	4252	4254	4256	rBV3	1201	572	0.05%	0.007%
98	14.900	4292	4295	4299	rBV5	1458	1220	0.10%	0.014%
99	15.874	4595	4598	4604	rVB	19093	11596	0.95%	0.134%
100	16.508	4787	4795	4807	rVB2	61610	99034	8.07%	1.143%

Sum of corrected areas: 8666375

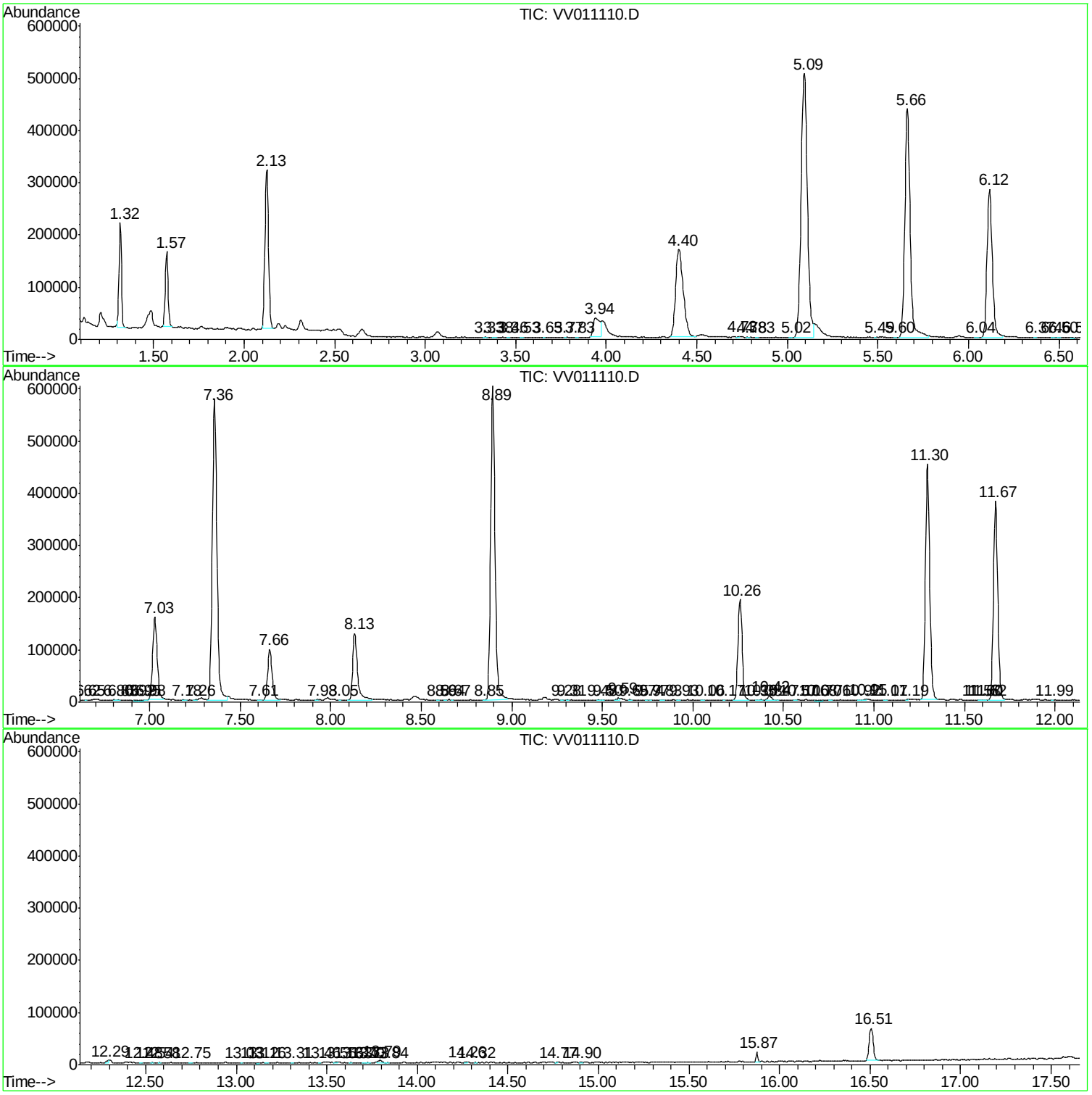
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011110.D
Acq On : 29 May 2019 16:43
Operator : SY/MD
Sample : K3006-12
Misc : 3.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH74

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011110.D
Acq On : 29 May 2019 16:43
Operator : SY/MD
Sample : K3006-12
Misc : 3.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH74

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.M
Quant Title : VOC Analysis

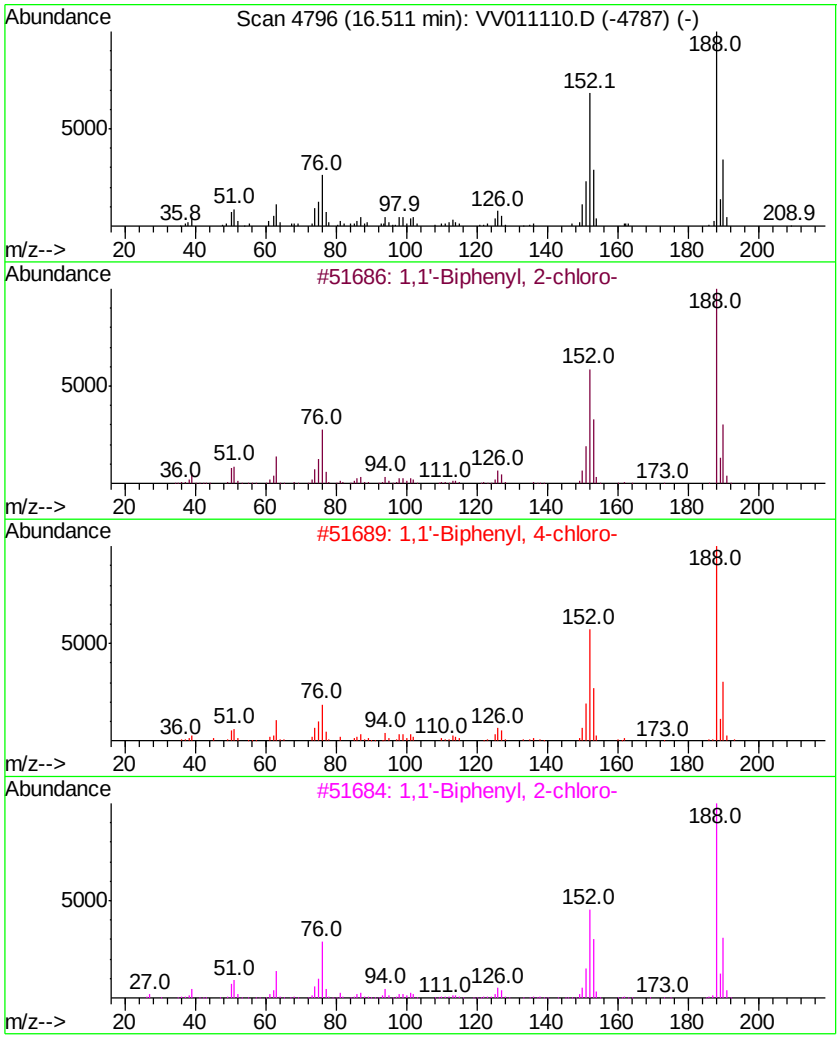
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

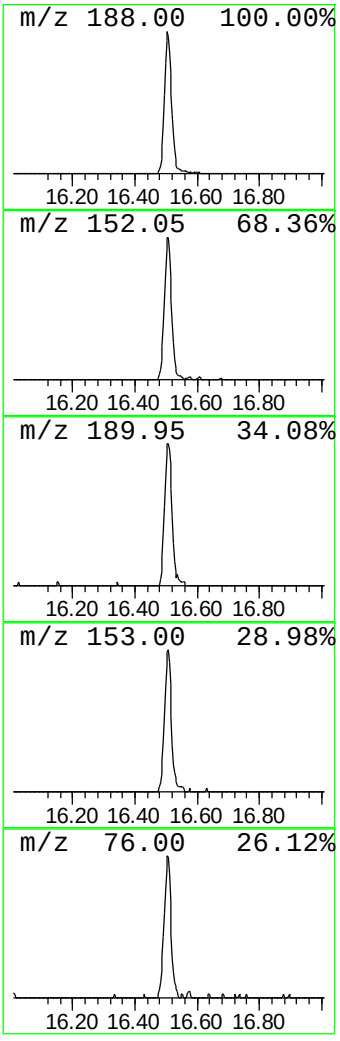
****

Peak Number 2 1,1'-Biphenyl, 2-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	3.32 ug/L	99034	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	99
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	98
3	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	96
4	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	96
5	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052919\
Data File : VV011110.D
Acq On : 29 May 2019 16:43
Operator : SY/MD
Sample : K3006-12
Misc : 3.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH74

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052819S.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
1,1'-Biphenyl, 2-...	16.51	3.3	ug/L	99034	3	11.30	746243	25.0