

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV030719\
 Data File : VV009522.D
 Acq On : 07 Mar 2019 10:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTD02570

Quant Time: Mar 08 03:59:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 02:53:16 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
2 T	Dichlorodifluoromethane	0.288	0.261	9.4	103	0.00
3 T	Chloromethane	0.307	0.283	7.8	104	0.00
4 S	Vinyl Chloride-d3	0.301	0.291	3.3	106	0.00
5 T	Vinyl chloride	0.338	0.320	5.3	108	0.00
6 T	Bromomethane	0.421	0.351	16.6	95	0.00
7 S	Chloroethane-d5	0.435	0.483	-11.0	118	0.00
8 T	Chloroethane	0.376	0.365	2.9	120	0.00
9 T	Trichlorofluoromethane	0.694	0.669	3.6	110	0.00
10 S	1,1-Dichloroethene-d2	0.783	0.749	4.3	108	0.00
11 T	1,1,2-Trichloro-1,2,2-trifl	0.388	0.371	4.4	110	0.00
12 T	1,1-Dichloroethene	0.332	0.308	7.2	108	0.00
13 T	Acetone	0.104	0.076	26.9	88	0.00
14 T	Carbon disulfide	0.842	0.802	4.8	104	0.00
15 T	Methyl Acetate	0.169	0.111	34.3#	75	0.00
16 T	Methylene chloride	0.328	0.286	12.8	110	0.00
17 T	Methyl tert-butyl Ether	0.744	0.659	11.4	103	0.00
18 T	trans-1,2-Dichloroethene	0.299	0.284	5.0	109	0.00
19 T	1,1-Dichloroethane	0.526	0.501	4.8	109	0.00
20 S	2-Butanone-d5	0.103	0.078	24.3	87	0.00
21	2-Butanone	0.132	0.087	34.1#	76	0.00
22 T	cis-1,2-Dichloroethene	0.337	0.325	3.6	111	0.00
23 T	Bromochloromethane	0.155	0.138	11.0	101	0.00
24 S	Chloroform-d	0.596	0.597	-0.2	114	0.00
25 T	Chloroform	0.587	0.576	1.9	112	0.00
26 S	1,2-Dichloroethane-d4	0.339	0.331	2.4	109	0.00
27 T	1,2-Dichloroethane	0.408	0.373	8.6	105	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
29 S	Benzene-d6	1.238	1.254	-1.3	112	0.00
30 T	Cyclohexane	0.531	0.506	4.7	108	0.00
31 T	1,1,1-Trichloroethane	0.559	0.542	3.0	109	0.00
32 T	Carbon tetrachloride	0.472	0.461	2.3	112	0.00
33 S	1,2-Dichloropropane-d6	0.365	0.378	-3.6	117	0.00
34 T	Benzene	1.292	1.245	3.6	110	0.00
35 T	Trichloroethene	0.371	0.346	6.7	107	0.00
36 T	Methylcyclohexane	0.605	0.568	6.1	106	0.00
37 S	Toluene-d8	1.207	1.221	-1.2	112	0.00
38 S	trans-1,3-Dichloropropene-d	0.177	0.171	3.4	108	0.00
39 S	2-Hexanone-d5	0.085	0.068	20.0	89	0.00
40 T	1,2-Dichloropropane	0.333	0.307	7.8	110	0.00
41 T	Bromodichloromethane	0.450	0.435	3.3	110	0.00
42 T	cis-1,3-Dichloropropene	0.517	0.498	3.7	105	0.00
43 T	4-Methyl-2-pentanone	0.263	0.187	28.9	85	0.00
44 T	Toluene	1.460	1.372	6.0	106	0.00
45 T	trans-1,3-Dichloropropene	0.452	0.411	9.1	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	1,1,2-Trichloroethane	0.277	0.246	11.2	100	0.00
47 T	Tetrachloroethene	0.282	0.276	2.1	110	0.00
48 S	1,1,2,2-Tetrachloroethane-d	0.389	0.336	13.6	98	0.00
49 T	2-Hexanone	0.199	0.147	26.1	90	0.00
50 T	Dibromochloromethane	0.335	0.303	9.6	104	0.00
51 T	1,2-Dibromoethane	0.286	0.247	13.6	98	0.00
52 T	Chlorobenzene	0.968	0.901	6.9	106	0.00
53 T	Ethylbenzene	1.671	1.575	5.7	107	0.00
54 T	m,p-Xylene	0.632	0.594	6.0	107	0.00
55 T	o-xylene	0.610	0.583	4.4	105	0.00
56 T	Styrene	1.003	0.944	5.9	107	0.00
57 T	Isopropylbenzene	1.682	1.603	4.7	108	0.00
58 T	1,1,2,2-Tetrachloroethane	0.391	0.317	18.9	92	0.00
59	1,2,3-Trichloropropane	0.282	0.224	20.6	92	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
61 S	1,2-Dichlorobenzene-d4	0.913	0.896	1.9	109	0.00
62 T	Bromoform	0.406	0.351	13.5	96	0.00
63 T	1,3-Dichlorobenzene	1.562	1.478	5.4	107	0.00
64 T	1,4-Dichlorobenzene	1.596	1.474	7.6	107	0.00
65 T	1,2-Dichlorobenzene	1.456	1.378	5.4	105	0.00
66 T	1,2-Dibromo-3-chloropropane	0.146	0.106	27.4	75	0.00
67	1,3,5-Trichlorobenzene	1.120	1.061	5.3	107	0.00
68 T	1,2,4-trichlorobenzene	0.897	0.843	6.0	106	0.00
69	Naphthalene	1.889	1.491	21.1	88	0.00
70 T	1,2,3-Trichlorobenzene	0.825	0.758	8.1	103	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0