

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010234.D
 Acq On : 11 Apr 2019 10:01
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTD02564

Quant Time: Apr 12 01:16:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 07:05:16 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
2 T	Dichlorodifluoromethane	0.401	0.460	-14.7	123	0.00
3 T	Chloromethane	0.329	0.369	-12.2	118	0.00
4 S	Vinyl Chloride-d3	0.288	0.295	-2.4	118	0.00
5 T	Vinyl chloride	0.354	0.404	-14.1	121	0.00
6 T	Bromomethane	0.287	0.312	-8.7	104	0.00
7 S	Chloroethane-d5	0.247	0.249	-0.8	118	0.00
8 T	Chloroethane	0.220	0.249	-13.2	118	0.00
9 T	Trichlorofluoromethane	0.716	0.803	-12.2	122	0.00
10 S	1,1-Dichloroethene-d2	0.733	0.751	-2.5	115	0.00
11 T	1,1,2-Trichloro-1,2,2-trifl	0.383	0.424	-10.7	122	0.00
12 T	1,1-Dichloroethene	0.330	0.379	-14.8	124	0.00
13 T	Acetone	0.078	0.074	5.1	110	0.00
14 T	Carbon disulfide	0.797	0.957	-20.1	121	0.00
15 T	Methyl Acetate	0.139	0.144	-3.6	110	0.00
16 T	Methylene chloride	0.490	0.355	27.6	89	0.00
17 T	Methyl tert-butyl Ether	0.714	0.749	-4.9	112	0.00
18 T	trans-1,2-Dichloroethene	0.313	0.354	-13.1	119	0.00
19 T	1,1-Dichloroethane	0.516	0.565	-9.5	118	0.00
20 S	2-Butanone-d5	0.073	0.076	-4.1	112	0.00
21	2-Butanone	0.089	0.097	-9.0	116	0.00
22 T	cis-1,2-Dichloroethene	0.341	0.373	-9.4	116	0.00
23 T	Bromochloromethane	0.168	0.176	-4.8	108	0.00
24 S	Chloroform-d	0.571	0.599	-4.9	118	0.00
25 T	Chloroform	0.612	0.639	-4.4	110	0.00
26 S	1,2-Dichloroethane-d4	0.325	0.309	4.9	106	0.00
27 T	1,2-Dichloroethane	0.392	0.410	-4.6	110	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
29 S	Benzene-d6	1.205	1.242	-3.1	110	0.00
30 T	Cyclohexane	0.468	0.549	-17.3	121	0.00
31 T	1,1,1-Trichloroethane	0.523	0.633	-21.0	123	0.00
32 T	Carbon tetrachloride	0.487	0.595	-22.2	125	0.00
33 S	1,2-Dichloropropane-d6	0.359	0.357	0.6	110	0.00
34 T	Benzene	1.267	1.417	-11.8	113	0.00
35 T	Trichloroethene	0.366	0.421	-15.0	116	0.00
36 T	Methylcyclohexane	0.547	0.681	-24.5	125	0.00
37 S	Toluene-d8	1.176	1.254	-6.6	110	0.00
38 S	trans-1,3-Dichloropropene-d	0.149	0.154	-3.4	104	0.00
39 S	2-Hexanone-d5	0.062	0.065	-4.8	111	0.00
40 T	1,2-Dichloropropane	0.310	0.342	-10.3	117	0.00
41 T	Bromodichloromethane	0.413	0.469	-13.6	114	0.00
42 T	cis-1,3-Dichloropropene	0.470	0.520	-10.6	111	0.00
43 T	4-Methyl-2-pentanone	0.201	0.219	-9.0	110	0.00
44 T	Toluene	1.425	1.631	-14.5	114	0.00
45 T	trans-1,3-Dichloropropene	0.394	0.455	-15.5	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	1,1,2-Trichloroethane	0.263	0.288	-9.5	110	0.00
47 T	Tetrachloroethene	0.325	0.382	-17.5	119	0.00
48 S	1,1,2,2-Tetrachloroethane-d	0.322	0.326	-1.2	104	0.00
49 T	2-Hexanone	0.132	0.147	-11.4	111	0.00
50 T	Dibromochloromethane	0.322	0.365	-13.4	112	0.00
51 T	1,2-Dibromoethane	0.268	0.297	-10.8	112	0.00
52 T	Chlorobenzene	0.994	1.107	-11.4	112	0.00
53 T	Ethylbenzene	1.571	1.835	-16.8	114	0.00
54 T	m,p-Xylene	0.620	0.733	-18.2	118	0.00
55 T	o-xylene	0.617	0.702	-13.8	111	0.00
56 T	Styrene	0.983	1.135	-15.5	110	0.00
57 T	Isopropylbenzene	1.569	1.889	-20.4	117	0.00
58 T	1,1,2,2-Tetrachloroethane	0.325	0.354	-8.9	108	0.00
59	1,2,3-Trichloropropane	0.239	0.257	-7.5	112	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
61 S	1,2-Dichlorobenzene-d4	0.923	0.916	0.8	102	0.00
62 T	Bromoform	0.363	0.409	-12.7	116	0.00
63 T	1,3-Dichlorobenzene	1.550	1.730	-11.6	109	0.00
64 T	1,4-Dichlorobenzene	1.577	1.739	-10.3	109	0.00
65 T	1,2-Dichlorobenzene	1.480	1.592	-7.6	106	0.00
66 T	1,2-Dibromo-3-chloropropane	0.084	0.091	-8.3	107	0.00
67	1,3,5-Trichlorobenzene	1.149	1.294	-12.6	108	0.00
68 T	1,2,4-trichlorobenzene	0.787	0.880	-11.8	109	0.00
69	Naphthalene	1.070	1.132	-5.8	103	0.00
70 T	1,2,3-Trichlorobenzene	0.730	0.788	-7.9	102	0.00

(#) = Out of Range

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