

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040319\
 Data File : VV010105.D
 Acq On : 03 Apr 2019 21:33
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTD02579

Quant Time: Apr 04 05:58:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 06:44:57 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	102	0.00
2 T	Dichlorodifluoromethane	0.362	0.310	14.4	102	0.00
3 T	Chloromethane	0.322	0.288	10.6	99	0.00
4 S	Vinyl Chloride-d3	0.335	0.286	14.6	87	0.00
5 T	Vinyl chloride	0.351	0.309	12.0	96	0.00
6 T	Bromomethane	0.397	0.293	26.2	82	-0.02
7 S	Chloroethane-d5	0.416	0.270	35.1#	60	0.00
8 T	Chloroethane	0.307	0.213	30.6#	71	0.00
9 T	Trichlorofluoromethane	0.723	0.648	10.4	98	0.00
10 S	1,1-Dichloroethene-d2	0.844	0.735	12.9	90	0.00
11 T	1,1,2-Trichloro-1,2,2-trifl	0.402	0.382	5.0	102	0.00
12 T	1,1-Dichloroethene	0.342	0.314	8.2	101	0.00
13 T	Acetone	0.094	0.081	13.8	78	-0.01
14 T	Carbon disulfide	0.709	0.604	14.8	96	0.00
15 T	Methyl Acetate	0.151	0.143	5.3	93	0.00
16 T	Methylene chloride	0.439	0.343	21.9	102	0.00
17 T	Methyl tert-butyl Ether	0.732	0.735	-0.4	104	0.00
18 T	trans-1,2-Dichloroethene	0.299	0.282	5.7	106	0.00
19 T	1,1-Dichloroethane	0.507	0.508	-0.2	107	0.00
20 S	2-Butanone-d5	0.095	0.097	-2.1	86	0.00
21	2-Butanone	0.103	0.100	2.9	93	-0.02
22 T	cis-1,2-Dichloroethene	0.331	0.335	-1.2	109	0.00
23 T	Bromochloromethane	0.161	0.162	-0.6	106	0.00
24 S	Chloroform-d	0.630	0.615	2.4	95	0.00
25 T	Chloroform	0.568	0.606	-6.7	115	0.00
26 S	1,2-Dichloroethane-d4	0.352	0.362	-2.8	99	0.00
27 T	1,2-Dichloroethane	0.388	0.391	-0.8	107	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
29 S	Benzene-d6	1.296	1.235	4.7	97	0.00
30 T	Cyclohexane	0.451	0.389	13.7	100	0.00
31 T	1,1,1-Trichloroethane	0.510	0.461	9.6	102	0.00
32 T	Carbon tetrachloride	0.456	0.430	5.7	105	0.00
33 S	1,2-Dichloropropane-d6	0.383	0.364	5.0	98	0.00
34 T	Benzene	1.223	1.177	3.8	110	0.00
35 T	Trichloroethene	0.352	0.319	9.4	105	0.00
36 T	Methylcyclohexane	0.527	0.475	9.9	106	0.00
37 S	Toluene-d8	1.249	1.226	1.8	97	0.00
38 S	trans-1,3-Dichloropropene-d	0.164	0.159	3.0	99	0.00
39 S	2-Hexanone-d5	0.077	0.071	7.8	83	0.00
40 T	1,2-Dichloropropane	0.309	0.294	4.9	109	0.00
41 T	Bromodichloromethane	0.402	0.388	3.5	110	0.00
42 T	cis-1,3-Dichloropropene	0.447	0.429	4.0	107	0.00
43 T	4-Methyl-2-pentanone	0.229	0.208	9.2	93	0.00
44 T	Toluene	1.372	1.343	2.1	109	0.00
45 T	trans-1,3-Dichloropropene	0.380	0.380	0.0	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	1,1,2-Trichloroethane	0.274	0.266	2.9	106	0.00
47 T	Tetrachloroethene	0.295	0.281	4.7	110	0.00
48 S	1,1,2,2-Tetrachloroethane-d	0.377	0.376	0.3	96	0.00
49 T	2-Hexanone	0.163	0.151	7.4	92	0.00
50 T	Dibromochloromethane	0.307	0.302	1.6	107	0.00
51 T	1,2-Dibromoethane	0.271	0.267	1.5	105	0.00
52 T	Chlorobenzene	0.936	0.916	2.1	111	0.00
53 T	Ethylbenzene	1.505	1.495	0.7	111	0.00
54 T	m,p-Xylene	0.586	0.586	0.0	112	0.00
55 T	o-xylene	0.567	0.586	-3.4	114	0.00
56 T	Styrene	0.939	0.994	-5.9	113	0.00
57 T	Isopropylbenzene	1.496	1.519	-1.5	111	0.00
58 T	1,1,2,2-Tetrachloroethane	0.352	0.349	0.9	105	0.00
59	1,2,3-Trichloropropane	0.252	0.251	0.4	105	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
61 S	1,2-Dichlorobenzene-d4	0.974	0.958	1.6	103	0.00
62 T	Bromoform	0.352	0.333	5.4	108	0.00
63 T	1,3-Dichlorobenzene	1.467	1.470	-0.2	116	0.00
64 T	1,4-Dichlorobenzene	1.529	1.498	2.0	116	0.00
65 T	1,2-Dichlorobenzene	1.442	1.412	2.1	114	0.00
66 T	1,2-Dibromo-3-chloropropane	0.098	0.084	14.3	91	0.00
67	1,3,5-Trichlorobenzene	1.090	1.063	2.5	116	0.00
68 T	1,2,4-trichlorobenzene	0.834	0.749	10.2	107	0.00
69	Naphthalene	1.388	1.085	21.8	86	0.00
70 T	1,2,3-Trichlorobenzene	0.779	0.733	5.9	107	0.00

(#) = Out of Range

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