

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040319\
 Data File : VV010088.D
 Acq On : 03 Apr 2019 12:19
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTD02578

Quant Time: Apr 04 05:58:49 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	126	0.00
2 T	Dichlorodifluoromethane	0.362	0.343	5.2	140	0.00
3 T	Chloromethane	0.322	0.310	3.7	132	0.00
4 S	Vinyl Chloride-d3	0.335	0.329	1.8	123	0.00
5 T	Vinyl chloride	0.351	0.348	0.9	134	0.00
6 T	Bromomethane	0.397	0.365	8.1	127	0.00
7 S	Chloroethane-d5	0.416	0.441	-6.0	121	0.00
8 T	Chloroethane	0.307	0.311	-1.3	129	0.00
9 T	Trichlorofluoromethane	0.723	0.736	-1.8	138	0.00
10 S	1,1-Dichloroethene-d2	0.844	0.831	1.5	126	0.00
11 T	1,1,2-Trichloro-1,2,2-trifl	0.402	0.419	-4.2	138	0.00
12 T	1,1-Dichloroethene	0.342	0.346	-1.2	137	0.00
13 T	Acetone	0.094	0.074	21.3	88	0.00
14 T	Carbon disulfide	0.709	0.699	1.4	138	0.00
15 T	Methyl Acetate	0.151	0.121	19.9	97	0.00
16 T	Methylene chloride	0.439	0.347	21.0	128	0.00
17 T	Methyl tert-butyl Ether	0.732	0.686	6.3	120	0.00
18 T	trans-1,2-Dichloroethene	0.299	0.302	-1.0	140	0.00
19 T	1,1-Dichloroethane	0.507	0.519	-2.4	135	0.00
20 S	2-Butanone-d5	0.095	0.078	17.9	85	0.00
21	2-Butanone	0.103	0.081	21.4	93	0.00
22 T	cis-1,2-Dichloroethene	0.331	0.334	-0.9	135	0.00
23 T	Bromochloromethane	0.161	0.158	1.9	128	0.00
24 S	Chloroform-d	0.630	0.666	-5.7	127	0.00
25 T	Chloroform	0.568	0.595	-4.8	139	0.00
26 S	1,2-Dichloroethane-d4	0.352	0.343	2.6	116	0.00
27 T	1,2-Dichloroethane	0.388	0.377	2.8	127	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	123	0.00
29 S	Benzene-d6	1.296	1.391	-7.3	127	0.00
30 T	Cyclohexane	0.451	0.481	-6.7	143	0.00
31 T	1,1,1-Trichloroethane	0.510	0.554	-8.6	143	0.00
32 T	Carbon tetrachloride	0.456	0.507	-11.2	144	0.00
33 S	1,2-Dichloropropane-d6	0.383	0.396	-3.4	124	0.00
34 T	Benzene	1.223	1.291	-5.6	140	0.00
35 T	Trichloroethene	0.352	0.363	-3.1	139	0.00
36 T	Methylcyclohexane	0.527	0.592	-12.3	153	0.00
37 S	Toluene-d8	1.249	1.353	-8.3	125	0.00
38 S	trans-1,3-Dichloropropene-d	0.164	0.161	1.8	116	0.00
39 S	2-Hexanone-d5	0.077	0.059	23.4	81	0.00
40 T	1,2-Dichloropropane	0.309	0.306	1.0	131	0.00
41 T	Bromodichloromethane	0.402	0.422	-5.0	139	0.00
42 T	cis-1,3-Dichloropropene	0.447	0.493	-10.3	143	0.00
43 T	4-Methyl-2-pentanone	0.229	0.184	19.7	95	0.00
44 T	Toluene	1.372	1.454	-6.0	137	0.00
45 T	trans-1,3-Dichloropropene	0.380	0.390	-2.6	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	1,1,2-Trichloroethane	0.274	0.259	5.5	120	0.00
47 T	Tetrachloroethene	0.295	0.316	-7.1	143	0.00
48 S	1,1,2,2-Tetrachloroethane-d	0.377	0.338	10.3	100	0.00
49 T	2-Hexanone	0.163	0.128	21.5	91	0.00
50 T	Dibromochloromethane	0.307	0.306	0.3	125	0.00
51 T	1,2-Dibromoethane	0.271	0.255	5.9	117	0.00
52 T	Chlorobenzene	0.936	0.968	-3.4	137	0.00
53 T	Ethylbenzene	1.505	1.618	-7.5	140	0.00
54 T	m,p-Xylene	0.586	0.650	-10.9	144	0.00
55 T	o-xylene	0.567	0.619	-9.2	140	0.00
56 T	Styrene	0.939	1.015	-8.1	134	0.00
57 T	Isopropylbenzene	1.496	1.707	-14.1	145	0.00
58 T	1,1,2,2-Tetrachloroethane	0.352	0.301	14.5	106	0.00
59	1,2,3-Trichloropropane	0.252	0.217	13.9	105	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	120	0.00
61 S	1,2-Dichlorobenzene-d4	0.974	1.018	-4.5	122	0.00
62 T	Bromoform	0.352	0.332	5.7	121	0.00
63 T	1,3-Dichlorobenzene	1.467	1.576	-7.4	139	0.00
64 T	1,4-Dichlorobenzene	1.529	1.612	-5.4	140	0.00
65 T	1,2-Dichlorobenzene	1.442	1.500	-4.0	135	0.00
66 T	1,2-Dibromo-3-chloropropane	0.098	0.077	21.4	93	0.00
67	1,3,5-Trichlorobenzene	1.090	1.228	-12.7	150	0.00
68 T	1,2,4-trichlorobenzene	0.834	0.916	-9.8	147	0.00
69	Naphthalene	1.388	1.302	6.2	116	0.00
70 T	1,2,3-Trichlorobenzene	0.779	0.826	-6.0	135	0.00

(#) = Out of Range

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