

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
 Data File : VW009193.D
 Acq On : 15 Mar 2019 01:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTD02508

Quant Time: Mar 15 08:13:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 06:53:55 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	85	0.00
2 T	Dichlorodifluoromethane	0.329	0.267	18.8	69	0.00
3 T	Chloromethane	0.349	0.335	4.0	84	0.00
4 S	Vinyl Chloride-d3	0.299	0.305	-2.0	83	0.00
5 T	Vinyl chloride	0.360	0.377	-4.7	85	0.00
6 T	Bromomethane	0.301	0.302	-0.3	91	0.00
7 S	Chloroethane-d5	0.350	0.307	12.3	80	0.00
8 T	Chloroethane	0.298	0.281	5.7	85	0.00
9 T	Trichlorofluoromethane	0.284	0.222	21.8	70	0.00
10 S	1,1-Dichloroethene-d2	0.646	0.627	2.9	81	0.00
11 T	1,1,2-Trichloro-1,2,2-trifl	0.328	0.312	4.9	85	0.00
12 T	1,1-Dichloroethene	0.308	0.307	0.3	87	0.00
13 T	Acetone	0.101	0.073	27.7	65	0.02
14 T	Carbon disulfide	0.829	0.903	-8.9	88	0.00
15 T	Methyl Acetate	0.199	0.182	8.5	81	0.00
16 T	Methylene chloride	0.365	0.340	6.8	92	0.01
17 T	Methyl tert-butyl Ether	0.436	0.416	4.6	81	0.00
18 T	trans-1,2-Dichloroethene	0.324	0.325	-0.3	87	0.00
19 T	1,1-Dichloroethane	0.590	0.598	-1.4	88	0.00
20 S	2-Butanone-d5	0.124	0.108	12.9	72	0.00
21	2-Butanone	0.140	0.120	14.3	75	0.00
22 T	cis-1,2-Dichloroethene	0.351	0.356	-1.4	87	0.00
23 T	Bromochloromethane	0.168	0.172	-2.4	91	0.00
24 S	Chloroform-d	0.682	0.689	-1.0	84	0.00
25 T	Chloroform	0.618	0.632	-2.3	89	0.00
26 S	1,2-Dichloroethane-d4	0.411	0.410	0.2	84	0.00
27 T	1,2-Dichloroethane	0.461	0.477	-3.5	91	0.00
28 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
29 S	Benzene-d6	1.379	1.339	2.9	84	0.00
30 T	Cyclohexane	0.568	0.516	9.2	78	0.00
31 T	1,1,1-Trichloroethane	0.499	0.482	3.4	87	0.00
32 T	Carbon tetrachloride	0.504	0.488	3.2	87	0.00
33 S	1,2-Dichloropropane-d6	0.414	0.407	1.7	84	0.00
34 T	Benzene	1.368	1.387	-1.4	90	0.00
35 T	Trichloroethene	0.365	0.350	4.1	86	0.00
36 T	Methylcyclohexane	0.631	0.573	9.2	80	0.00
37 S	Toluene-d8	1.275	1.246	2.3	84	0.00
38 S	trans-1,3-Dichloropropene-d	0.208	0.191	8.2	78	0.00
39 S	2-Hexanone-d5	0.100	0.088	12.0	72	0.00
40 T	1,2-Dichloropropane	0.351	0.350	0.3	89	0.00
41 T	Bromodichloromethane	0.487	0.496	-1.8	91	0.00
42 T	cis-1,3-Dichloropropene	0.572	0.553	3.3	86	0.00
43 T	4-Methyl-2-pentanone	0.318	0.275	13.5	78	0.00
44 T	Toluene	1.496	1.469	1.8	87	0.00
45 T	trans-1,3-Dichloropropene	0.497	0.475	4.4	84	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	1,1,2-Trichloroethane	0.280	0.278	0.7	89	0.00
47 T	Tetrachloroethene	0.308	0.293	4.9	86	0.00
48 S	1,1,2,2-Tetrachloroethane-d	0.408	0.387	5.1	81	0.00
49 T	2-Hexanone	0.224	0.191	14.7	72	0.00
50 T	Dibromochloromethane	0.346	0.345	0.3	89	0.00
51 T	1,2-Dibromoethane	0.284	0.277	2.5	89	0.00
52 T	Chlorobenzene	0.960	0.952	0.8	88	0.00
53 T	Ethylbenzene	1.682	1.648	2.0	86	0.00
54 T	m,p-Xylene	0.639	0.627	1.9	86	0.00
55 T	o-xylene	0.623	0.615	1.3	88	0.00
56 T	Styrene	1.064	1.072	-0.8	88	0.00
57 T	Isopropylbenzene	1.670	1.619	3.1	85	0.00
58 T	1,1,2,2-Tetrachloroethane	0.378	0.361	4.5	87	0.00
59	1,2,3-Trichloropropane	0.280	0.260	7.1	85	0.00
60 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
61 S	1,2-Dichlorobenzene-d4	0.959	0.961	-0.2	85	0.00
62 T	Bromoform	0.422	0.419	0.7	88	0.00
63 T	1,3-Dichlorobenzene	1.490	1.458	2.1	85	0.00
64 T	1,4-Dichlorobenzene	1.540	1.553	-0.8	90	0.00
65 T	1,2-Dichlorobenzene	1.421	1.454	-2.3	90	0.00
66 T	1,2-Dibromo-3-chloropropane	0.139	0.120	13.7	80	0.00
67	1,3,5-Trichlorobenzene	1.162	1.099	5.4	84	0.00
68 T	1,2,4-trichlorobenzene	0.976	0.942	3.5	84	0.00
69	Naphthalene	2.024	1.987	1.8	83	0.00
70 T	1,2,3-Trichlorobenzene	0.914	0.904	1.1	88	0.00

(#) = Out of Range

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