

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD121119\
 Data File : VD064504.D
 Acq On : 11 Dec 2019 17:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 12 03:45:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	122	0.00
2 T	Dichlorodifluoromethane	0.453	0.464	-2.4	130	0.00
3 P	Chloromethane	0.571	0.586	-2.6	131	0.00
4 C	Vinyl Chloride	0.660	0.643	2.6#	120	0.00
5 T	Bromomethane	0.488	0.418	14.3	111	0.00
6 T	Chloroethane	0.441	0.431	2.3	120	0.00
7 T	Trichlorofluoromethane	1.097	1.046	4.6	117	0.00
8 T	Diethyl Ether	0.228	0.253	-11.0	136	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.470	0.505	-7.4	133	0.00
10 T	Methyl Iodide	0.497	0.591	-18.9	128	0.00
11 T	Tert butyl alcohol	0.029	0.029	0.0	118	-0.01
12 CM	1,1-Dichloroethene	0.451	0.480	-6.4#	131	0.00
13 T	Acrolein	0.039	0.042	-7.7	138	0.00
14 T	Allyl chloride	0.703	0.783	-11.4	135	0.00
15 T	Acrylonitrile	0.100	0.100	0.0	123	0.00
16 T	Acetone	0.091	0.089	2.2	112	0.00
17 T	Carbon Disulfide	1.427	1.400	1.9	118	0.00
18 T	Methyl Acetate	0.267	0.259	3.0	122	0.00
19 T	Methyl tert-butyl Ether	1.034	1.100	-6.4	127	0.00
20 T	Methylene Chloride	0.526	0.557	-5.9	138	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.524	-2.7	125	0.00
22 T	Diisopropyl ether	1.388	1.530	-10.2	132	0.00
23 T	Vinyl Acetate	0.819	0.882	-7.7	126	0.00
24 P	1,1-Dichloroethane	0.835	0.885	-6.0	127	0.00
25 T	2-Butanone	0.129	0.124	3.9	114	0.00
26 T	2,2-Dichloropropane	0.726	0.786	-8.3	132	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.574	-3.2	125	0.00
28 T	Bromochloromethane	0.285	0.302	-6.0	121	0.00
29 T	Tetrahydrofuran	0.082	0.079	3.7	118	0.00
30 C	Chloroform	0.865	0.922	-6.6#	128	0.00
31 T	Cyclohexane	0.818	0.776	5.1	122	0.00
32 T	1,1,1-Trichloroethane	0.802	0.846	-5.5	128	0.00
33 S	1,2-Dichloroethane-d4	0.453	0.462	-2.0	127	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	121	0.00
35 S	Dibromofluoromethane	0.315	0.320	-1.6	124	0.00
36 T	1,1-Dichloropropene	0.473	0.478	-1.1	125	0.00
37 T	Ethyl Acetate	0.201	0.202	-0.5	121	0.00
38 T	Carbon Tetrachloride	0.499	0.529	-6.0	126	0.00
39 T	Methylcyclohexane	0.587	0.654	-11.4	133	0.00
40 TM	Benzene	1.314	1.351	-2.8	124	0.00
41 T	Methacrylonitrile	0.115	0.118	-2.6	108	0.00
42 TM	1,2-Dichloroethane	0.383	0.403	-5.2	128	0.00
43 T	Isopropyl Acetate	0.395	0.420	-6.3	126	0.00
44 TM	Trichloroethene	0.396	0.406	-2.5	126	0.00
45 C	1,2-Dichloropropane	0.314	0.328	-4.5#	123	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.179	-1.1	120	0.00
47 T	Bromodichloromethane	0.456	0.490	-7.5	126	0.00
48 T	Methyl methacrylate	0.181	0.184	-1.7	122	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	122	0.00
50 S	Toluene-d8	1.187	1.227	-3.4	128	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.194	0.5	119	0.00
52 CM	Toluene	0.856	0.890	-4.0#	127	0.00
53 T	t-1,3-Dichloropropene	0.434	0.457	-5.3	123	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.541	-4.8	124	0.00
55 T	1,1,2-Trichloroethane	0.243	0.323	-32.9#	162#	0.00
56 T	Ethyl methacrylate	0.310	0.442	-42.6#	168#	0.00
57 T	1,3-Dichloropropane	0.413	0.423	-2.4	124	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.117	4.9	121	0.00
59 T	2-Hexanone	0.135	0.133	1.5	117	0.00
60 T	Dibromochloromethane	0.329	0.338	-2.7	123	0.00
61 T	1,2-Dibromoethane	0.242	0.244	-0.8	122	0.00
62 S	4-Bromofluorobenzene	0.381	0.407	-6.8	134	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	127	0.00
64 T	Tetrachloroethene	0.381	0.382	-0.3	125	0.00
65 PM	Chlorobenzene	1.043	1.027	1.5	125	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.390	-1.0	125	0.00
67 C	Ethyl Benzene	1.855	1.874	-1.0#	128	0.00
68 T	m/p-Xylenes	0.707	0.720	-1.8	127	0.00
69 T	o-Xylene	0.653	0.668	-2.3	128	0.00
70 T	Styrene	1.135	1.158	-2.0	128	0.00
71 P	Bromoform	0.231	0.221	4.3	122	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	129	0.00
73 T	Isopropylbenzene	3.596	3.649	-1.5	129	0.00
74 T	N-amyl acetate	0.816	1.048	-28.4#	159#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.595	0.563	5.4	120	0.00
76 T	1,2,3-Trichloropropane	0.411	0.422	-2.7	137	0.00
77 T	Bromobenzene	0.888	0.885	0.3	126	0.00
78 T	n-propylbenzene	4.149	4.191	-1.0	129	0.00
79 T	2-Chlorotoluene	2.283	2.341	-2.5	131	0.00
80 T	1,3,5-Trimethylbenzene	2.939	3.000	-2.1	129	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.183	3.2	122	0.00
82 T	4-Chlorotoluene	2.417	2.467	-2.1	131	0.00
83 T	tert-Butylbenzene	2.555	2.652	-3.8	132	0.00
84 T	1,2,4-Trimethylbenzene	2.955	2.982	-0.9	129	0.00
85 T	sec-Butylbenzene	3.506	3.563	-1.6	128	0.00
86 T	p-Isopropyltoluene	3.310	3.378	-2.1	130	0.00
87 T	1,3-Dichlorobenzene	1.685	1.681	0.2	128	0.00
88 T	1,4-Dichlorobenzene	1.664	1.647	1.0	127	0.00
89 T	n-Butylbenzene	3.006	3.047	-1.4	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.619	0.601	2.9	123	0.00
91 T	1,2-Dichlorobenzene	1.440	1.438	0.1	125	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.089	11.0	121	0.00
93 T	1,2,4-Trichlorobenzene	1.103	1.075	2.5	124	0.00
94 T	Hexachlorobutadiene	0.681	0.663	2.6	122	0.00
95 T	Naphthalene	1.841	1.843	-0.1	126	0.00
96 T	1,2,3-Trichlorobenzene	0.942	0.894	5.1	119	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6