

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD120919\
 Data File : VD064469.D
 Acq On : 09 Dec 2019 11:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 10 02:48:41 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	102	0.00
2 T	Dichlorodifluoromethane	0.453	0.459	-1.3	108	0.00
3 P	Chloromethane	0.571	0.562	1.6	105	0.00
4 C	Vinyl Chloride	0.660	0.687	-4.1#	107	0.00
5 T	Bromomethane	0.488	0.464	4.9	103	0.00
6 T	Chloroethane	0.441	0.439	0.5	103	0.00
7 T	Trichlorofluoromethane	1.097	1.160	-5.7	109	0.00
8 T	Diethyl Ether	0.228	0.213	6.6	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.470	0.504	-7.2	111	0.00
10 T	Methyl Iodide	0.497	0.563	-13.3	102	0.00
11 T	Tert butyl alcohol	0.029	0.025	13.8	86	0.00
12 CM	1,1-Dichloroethene	0.451	0.474	-5.1#	108	0.00
13 T	Acrolein	0.039	0.037	5.1	101	0.00
14 T	Allyl chloride	0.703	0.748	-6.4	108	0.00
15 T	Acrylonitrile	0.100	0.086	14.0	89	0.00
16 T	Acetone	0.091	0.100	-9.9	105	-0.01
17 T	Carbon Disulfide	1.427	1.469	-2.9	104	0.00
18 T	Methyl Acetate	0.267	0.218	18.4	86	0.00
19 T	Methyl tert-butyl Ether	1.034	0.960	7.2	93	0.00
20 T	Methylene Chloride	0.526	0.495	5.9	103	0.00
21 T	trans-1,2-Dichloroethene	0.510	0.521	-2.2	104	0.00
22 T	Diisopropyl ether	1.388	1.372	1.2	99	0.00
23 T	Vinyl Acetate	0.819	0.778	5.0	93	0.00
24 P	1,1-Dichloroethane	0.835	0.856	-2.5	103	0.00
25 T	2-Butanone	0.129	0.114	11.6	88	0.00
26 T	2,2-Dichloropropane	0.726	0.817	-12.5	115	0.00
27 T	cis-1,2-Dichloroethene	0.556	0.551	0.9	100	0.00
28 T	Bromochloromethane	0.285	0.288	-1.1	96	0.00
29 T	Tetrahydrofuran	0.082	0.067	18.3	85	0.00
30 C	Chloroform	0.865	0.871	-0.7#	102	0.00
31 T	Cyclohexane	0.818	0.837	-2.3	110	0.00
32 T	1,1,1-Trichloroethane	0.802	0.855	-6.6	108	0.00
33 S	1,2-Dichloroethane-d4	0.453	0.430	5.1	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.315	0.314	0.3	100	0.00
36 T	1,1-Dichloropropene	0.473	0.512	-8.2	111	0.00
37 T	Ethyl Acetate	0.201	0.169	15.9	84	0.00
38 T	Carbon Tetrachloride	0.499	0.565	-13.2	111	0.00
39 T	Methylcyclohexane	0.587	0.640	-9.0	108	0.00
40 TM	Benzene	1.314	1.365	-3.9	103	0.00
41 T	Methacrylonitrile	0.115	0.110	4.3	83	0.00
42 TM	1,2-Dichloroethane	0.383	0.367	4.2	96	0.00
43 T	Isopropyl Acetate	0.395	0.348	11.9	86	0.00
44 TM	Trichloroethene	0.396	0.413	-4.3	106	0.00
45 C	1,2-Dichloropropane	0.314	0.323	-2.9#	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.177	0.166	6.2	92	0.00
47 T	Bromodichloromethane	0.456	0.460	-0.9	98	0.00
48 T	Methyl methacrylate	0.181	0.163	9.9	89	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	86	0.00
50 S	Toluene-d8	1.187	1.224	-3.1	105	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.171	12.3	86	0.00
52 CM	Toluene	0.856	0.889	-3.9#	104	0.00
53 T	t-1,3-Dichloropropene	0.434	0.433	0.2	96	0.00
54 T	cis-1,3-Dichloropropene	0.516	0.525	-1.7	99	0.00
55 T	1,1,2-Trichloroethane	0.243	0.227	6.6	94	0.00
56 T	Ethyl methacrylate	0.310	0.281	9.4	88	0.00
57 T	1,3-Dichloropropane	0.413	0.390	5.6	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.123	0.109	11.4	93	0.00
59 T	2-Hexanone	0.135	0.123	8.9	88	0.00
60 T	Dibromochloromethane	0.329	0.313	4.9	94	0.00
61 T	1,2-Dibromoethane	0.242	0.223	7.9	92	0.00
62 S	4-Bromofluorobenzene	0.381	0.374	1.8	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.381	0.415	-8.9	105	0.00
65 PM	Chlorobenzene	1.043	1.073	-2.9	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.402	-4.1	100	0.00
67 C	Ethyl Benzene	1.855	1.997	-7.7#	105	0.00
68 T	m/p-Xylenes	0.707	0.773	-9.3	105	0.00
69 T	o-Xylene	0.653	0.692	-6.0	102	0.00
70 T	Styrene	1.135	1.194	-5.2	102	0.00
71 P	Bromoform	0.231	0.214	7.4	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.596	3.991	-11.0	106	0.00
74 T	N-amyl acetate	0.816	0.766	6.1	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.595	0.544	8.6	87	0.00
76 T	1,2,3-Trichloropropane	0.411	0.392	4.6	96	0.00
77 T	Bromobenzene	0.888	0.916	-3.2	97	0.00
78 T	n-propylbenzene	4.149	4.622	-11.4	106	0.00
79 T	2-Chlorotoluene	2.283	2.485	-8.8	104	0.00
80 T	1,3,5-Trimethylbenzene	2.939	3.220	-9.6	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.189	0.184	2.6	92	0.00
82 T	4-Chlorotoluene	2.417	2.625	-8.6	104	0.00
83 T	tert-Butylbenzene	2.555	2.891	-13.2	108	0.00
84 T	1,2,4-Trimethylbenzene	2.955	3.214	-8.8	104	0.00
85 T	sec-Butylbenzene	3.506	3.910	-11.5	106	0.00
86 T	p-Isopropyltoluene	3.310	3.713	-12.2	107	0.00
87 T	1,3-Dichlorobenzene	1.685	1.756	-4.2	100	0.00
88 T	1,4-Dichlorobenzene	1.664	1.714	-3.0	99	0.00
89 T	n-Butylbenzene	3.006	3.350	-11.4	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.619	0.678	-9.5	104	0.00
91 T	1,2-Dichlorobenzene	1.440	1.464	-1.7	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.100	0.082	18.0	84	0.00
93 T	1,2,4-Trichlorobenzene	1.103	1.085	1.6	94	0.00
94 T	Hexachlorobutadiene	0.681	0.717	-5.3	99	0.00
95 T	Naphthalene	1.841	1.681	8.7	86	0.00
96 T	1,2,3-Trichlorobenzene	0.942	0.925	1.8	92	0.00

(#) = Out of Range

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