

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077811.D
 Acq On : 11 Dec 2023 14:38
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 17:04:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	106	0.00
2 T	Dichlorodifluoromethane	0.625	0.597	4.5	105	0.00
3 P	Chloromethane	0.851	0.896	-5.3	113	0.00
4 C	Vinyl Chloride	1.156	1.157	-0.1#	103	0.00
5 T	Bromomethane	0.649	0.671	-3.4	105	0.00
6 T	Chloroethane	0.788	0.784	0.5	103	0.00
7 T	Trichlorofluoromethane	1.064	1.073	-0.8	104	0.01
8 T	Diethyl Ether	0.299	0.321	-7.4	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.609	0.619	-1.6	104	0.01
10 T	Methyl Iodide	0.399	0.505	-26.6#	98	0.00
11 T	Tert butyl alcohol	0.032	0.035	-9.4	133	0.01
12 CM	1,1-Dichloroethene	0.601	0.624	-3.8#	106	0.00
13 T	Acrolein	0.062	0.045	27.4#	77	0.00
14 T	Allyl chloride	0.827	0.842	-1.8	106	0.00
15 T	Acrylonitrile	0.128	0.144	-12.5	118	0.00
16 T	Acetone	0.161	0.140	13.0	125	0.00
17 T	Carbon Disulfide	2.033	1.994	1.9	102	0.00
18 T	Methyl Acetate	0.464	0.526	-13.4	119	0.00
19 T	Methyl tert-butyl Ether	1.275	1.413	-10.8	115	0.00
20 T	Methylene Chloride	0.835	0.720	13.8	105	0.00
21 T	trans-1,2-Dichloroethene	0.681	0.700	-2.8	102	0.01
22 T	Diisopropyl ether	1.727	1.818	-5.3	106	0.00
23 T	Vinyl Acetate	0.844	0.768	9.0	92	0.00
24 P	1,1-Dichloroethane	1.170	1.195	-2.1	105	0.01
25 T	2-Butanone	0.185	0.174	5.9	120	0.00
26 T	2,2-Dichloropropane	0.982	1.025	-4.4	108	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.772	-5.3	106	0.00
28 T	Bromochloromethane	0.473	0.483	-2.1	105	0.01
29 T	Tetrahydrofuran	0.094	0.106	-12.8	119	0.00
30 C	Chloroform	1.171	1.198	-2.3#	104	0.00
31 T	Cyclohexane	1.048	1.021	2.6	102	0.00
32 T	1,1,1-Trichloroethane	1.032	1.043	-1.1	102	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.589	0.0	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.350	0.356	-1.7	105	0.00
36 T	1,1-Dichloropropene	0.560	0.560	0.0	102	0.00
37 T	Ethyl Acetate	0.218	0.213	2.3	114	0.00
38 T	Carbon Tetrachloride	0.558	0.568	-1.8	104	0.00
39 T	Methylcyclohexane	0.664	0.688	-3.6	103	0.00
40 TM	Benzene	1.590	1.604	-0.9	103	0.00
41 T	Methacrylonitrile	0.111	0.120	-8.1	123	0.00
42 TM	1,2-Dichloroethane	0.412	0.430	-4.4	108	0.00
43 T	Isopropyl Acetate	0.388	0.422	-8.8	116	0.00
44 TM	Trichloroethene	0.414	0.430	-3.9	105	0.00
45 C	1,2-Dichloropropane	0.387	0.398	-2.8#	106	0.00
46 T	Dibromomethane	0.205	0.220	-7.3	111	0.00
47 T	Bromodichloromethane	0.518	0.530	-2.3	104	0.00
48 T	Methyl methacrylate	0.221	0.247	-11.8	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	135	0.00
50 S	Toluene-d8	1.403	1.441	-2.7	103	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.223	-12.6	118	0.00
52 CM	Toluene	0.986	1.029	-4.4#	103	0.00
53 T	t-1,3-Dichloropropene	0.498	0.526	-5.6	108	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.630	-4.7	106	0.00
55 T	1,1,2-Trichloroethane	0.280	0.288	-2.9	106	0.00
56 T	Ethyl methacrylate	0.247	0.268	-8.5	112	0.00
57 T	1,3-Dichloropropane	0.482	0.516	-7.1	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.156	-10.6	125	0.00
59 T	2-Hexanone	0.164	0.165	-0.6	120	0.00
60 T	Dibromochloromethane	0.337	0.367	-8.9	112	0.00
61 T	1,2-Dibromoethane	0.263	0.280	-6.5	112	0.00
62 S	4-Bromofluorobenzene	0.419	0.432	-3.1	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
64 T	Tetrachloroethene	0.367	0.383	-4.4	104	0.00
65 PM	Chlorobenzene	1.310	1.187	9.4	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.416	0.415	0.2	100	0.00
67 C	Ethyl Benzene	2.082	2.178	-4.6#	104	0.00
68 T	m/p-Xylenes	0.796	0.837	-5.2	102	0.00
69 T	o-Xylene	0.734	0.779	-6.1	104	0.00
70 T	Styrene	1.091	1.158	-6.1	103	0.00
71 P	Bromoform	0.217	0.239	-10.1	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.790	3.939	-3.9	102	0.00
74 T	N-amyl acetate	0.745	0.811	-8.9	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.661	0.716	-8.3	110	0.00
76 T	1,2,3-Trichloropropane	0.434	0.445	-2.5	91	0.00
77 T	Bromobenzene	0.891	0.935	-4.9	107	0.00
78 T	n-propylbenzene	4.618	4.845	-4.9	102	0.00
79 T	2-Chlorotoluene	2.475	2.560	-3.4	103	0.00
80 T	1,3,5-Trimethylbenzene	3.161	3.332	-5.4	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.237	-10.7	114	0.00
82 T	4-Chlorotoluene	2.587	2.686	-3.8	103	0.00
83 T	tert-Butylbenzene	2.668	2.850	-6.8	103	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.322	-5.1	102	0.00
85 T	sec-Butylbenzene	3.944	4.185	-6.1	103	0.00
86 T	p-Isopropyltoluene	3.531	3.838	-8.7	104	0.00
87 T	1,3-Dichlorobenzene	1.823	1.898	-4.1	103	0.00
88 T	1,4-Dichlorobenzene	1.966	1.846	6.1	102	0.00
89 T	n-Butylbenzene	3.323	3.662	-10.2	105	0.00
90 T	Hexachloroethane	0.649	0.680	-4.8	103	0.00
91 T	1,2-Dichlorobenzene	1.550	1.632	-5.3	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.109	-6.9	115	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.106	-4.4	110	0.00
94 T	Hexachlorobutadiene	0.571	0.629	-10.2	109	0.00
95 T	Naphthalene	1.759	2.079	-18.2	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.969	-11.0	115	0.00

(#) = Out of Range

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