

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077470.D
 Acq On : 31 Oct 2023 19:53
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 01 06:11:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 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	69	0.00
2 T	Dichlorodifluoromethane	0.403	0.381	5.5	71	0.00
3 P	Chloromethane	0.640	0.752	-17.5	74	0.00
4 C	Vinyl Chloride	0.624	0.764	-22.4#	79	0.00
5 T	Bromomethane	0.327	0.442	-35.2#	86	0.00
6 T	Chloroethane	0.420	0.522	-24.3	81	0.00
7 T	Trichlorofluoromethane	0.874	0.893	-2.2	71	0.00
8 T	Diethyl Ether	0.314	0.344	-9.6	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.528	0.532	-0.8	70	0.00
10 T	Methyl Iodide	0.577	0.678	-17.5	71	0.00
11 T	Tert butyl alcohol	0.056	0.049	12.5	67	0.01
12 CM	1,1-Dichloroethene	0.500	0.521	-4.2#	70	0.00
13 T	Acrolein	0.074	0.067	9.5	65	0.00
14 T	Allyl chloride	1.205	1.307	-8.5	70	0.00
15 T	Acrylonitrile	0.170	0.182	-7.1	72	0.00
16 T	Acetone	0.187	0.146	21.9	53	0.00
17 T	Carbon Disulfide	1.302	1.589	-22.0	69	0.00
18 T	Methyl Acetate	0.682	0.761	-11.6	73	0.00
19 T	Methyl tert-butyl Ether	1.568	1.634	-4.2	71	0.00
20 T	Methylene Chloride	0.762	0.740	2.9	71	0.00
21 T	trans-1,2-Dichloroethene	0.582	0.621	-6.7	69	0.00
22 T	Diisopropyl ether	2.561	2.786	-8.8	73	0.00
23 T	Vinyl Acetate	1.105	1.174	-6.2	71	0.00
24 P	1,1-Dichloroethane	1.329	1.426	-7.3	72	0.00
25 T	2-Butanone	0.250	0.244	2.4	69	0.00
26 T	2,2-Dichloropropane	1.178	1.148	2.5	68	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.772	-7.1	71	0.00
28 T	Bromochloromethane	0.537	0.667	-24.2	75	0.00
29 T	Tetrahydrofuran	0.148	0.154	-4.1	70	0.00
30 C	Chloroform	1.241	1.304	-5.1#	71	0.00
31 T	Cyclohexane	1.105	1.157	-4.7	72	0.00
32 T	1,1,1-Trichloroethane	1.022	1.045	-2.3	70	0.00
33 S	1,2-Dichloroethane-d4	0.707	0.745	-5.4	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35 S	Dibromofluoromethane	0.346	0.355	-2.6	73	0.00
36 T	1,1-Dichloropropene	0.512	0.533	-4.1	70	0.00
37 T	Ethyl Acetate	0.294	0.301	-2.4	70	0.00
38 T	Carbon Tetrachloride	0.483	0.474	1.9	70	0.00
39 T	Methylcyclohexane	0.585	0.610	-4.3	72	0.00
40 TM	Benzene	1.461	1.560	-6.8	72	0.00
41 T	Methacrylonitrile	0.188	0.207	-10.1	81	0.00
42 TM	1,2-Dichloroethane	0.463	0.481	-3.9	71	0.00
43 T	Isopropyl Acetate	0.607	0.618	-1.8	69	0.00
44 TM	Trichloroethene	0.358	0.359	-0.3	69	0.00
45 C	1,2-Dichloropropane	0.430	0.458	-6.5#	73	0.00
46 T	Dibromomethane	0.207	0.208	-0.5	70	0.00
47 T	Bromodichloromethane	0.547	0.549	-0.4	69	0.00
48 T	Methyl methacrylate	0.290	0.301	-3.8	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	67	0.00
50 S	Toluene-d8	1.342	1.403	-4.5	74	0.00
51 T	4-Methyl-2-Pentanone	0.299	0.301	-0.7	72	0.00
52 CM	Toluene	0.891	0.926	-3.9#	71	0.00
53 T	t-1,3-Dichloropropene	0.579	0.588	-1.6	70	0.00
54 T	cis-1,3-Dichloropropene	0.667	0.691	-3.6	71	0.00
55 T	1,1,2-Trichloroethane	0.276	0.280	-1.4	72	0.00
56 T	Ethyl methacrylate	0.411	0.422	-2.7	71	0.00
57 T	1,3-Dichloropropane	0.516	0.535	-3.7	71	0.00
58 T	2-Chloroethyl Vinyl ether	0.206	0.231	-12.1	74	0.00
59 T	2-Hexanone	0.220	0.204	7.3	67	0.00
60 T	Dibromochloromethane	0.332	0.330	0.6	70	0.00
61 T	1,2-Dibromoethane	0.262	0.265	-1.1	70	0.00
62 S	4-Bromofluorobenzene	0.452	0.459	-1.5	73	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64 T	Tetrachloroethene	0.318	0.302	5.0	68	0.00
65 PM	Chlorobenzene	1.048	1.036	1.1	70	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.382	3.5	69	0.00
67 C	Ethyl Benzene	2.015	2.019	-0.2#	71	0.00
68 T	m/p-Xylenes	0.728	0.723	0.7	70	0.00
69 T	o-Xylene	0.697	0.700	-0.4	70	0.00
70 T	Styrene	1.203	1.210	-0.6	71	0.00
71 P	Bromoform	0.219	0.205	6.4	68	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	4.077	4.071	0.1	71	0.00
74 T	N-amyl acetate	1.444	1.413	2.1	71	0.00
75 P	1,1,2,2-Tetrachloroethane	0.799	0.787	1.5	69	0.00
76 T	1,2,3-Trichloropropane	0.609	0.594	2.5	70	0.00
77 T	Bromobenzene	0.897	0.879	2.0	68	0.00
78 T	n-propylbenzene	5.176	5.196	-0.4	71	0.00
79 T	2-Chlorotoluene	2.931	2.919	0.4	70	0.00
80 T	1,3,5-Trimethylbenzene	3.421	3.366	1.6	70	0.00
81 T	trans-1,4-Dichloro-2-butene	0.315	0.300	4.8	68	0.00
82 T	4-Chlorotoluene	3.053	3.013	1.3	70	0.00
83 T	tert-Butylbenzene	2.876	2.848	1.0	70	0.00
84 T	1,2,4-Trimethylbenzene	3.398	3.417	-0.6	71	0.00
85 T	sec-Butylbenzene	4.400	4.378	0.5	72	0.00
86 T	p-Isopropyltoluene	3.577	3.596	-0.5	72	0.00
87 T	1,3-Dichlorobenzene	1.764	1.736	1.6	69	0.00
88 T	1,4-Dichlorobenzene	1.762	1.729	1.9	70	0.00
89 T	n-Butylbenzene	3.717	3.676	1.1	71	0.00
90 T	Hexachloroethane	0.732	0.698	4.6	68	0.00
91 T	1,2-Dichlorobenzene	1.550	1.521	1.9	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.126	6.7	67	0.00
93 T	1,2,4-Trichlorobenzene	1.065	1.008	5.4	67	0.00
94 T	Hexachlorobutadiene	0.574	0.534	7.0	68	0.00
95 T	Naphthalene	2.031	1.991	2.0	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.919	0.898	2.3	69	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6