

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077450.D
 Acq On : 30 Oct 2023 16:54
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 31 04:29:24 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	82	0.00
2 T	Dichlorodifluoromethane	0.403	0.415	-3.0	92	0.00
3 P	Chloromethane	0.640	0.791	-23.6	93	0.00
4 C	Vinyl Chloride	0.624	0.773	-23.9#	95	0.00
5 T	Bromomethane	0.327	0.390	-19.3	89	0.00
6 T	Chloroethane	0.420	0.512	-21.9	94	0.00
7 T	Trichlorofluoromethane	0.874	0.979	-12.0	91	0.00
8 T	Diethyl Ether	0.314	0.355	-13.1	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.528	0.575	-8.9	90	0.01
10 T	Methyl Iodide	0.577	0.661	-14.6	82	0.00
11 T	Tert butyl alcohol	0.056	0.052	7.1	84	0.00
12 CM	1,1-Dichloroethene	0.500	0.567	-13.4#	90	0.00
13 T	Acrolein	0.074	0.066	10.8	76	0.00
14 T	Allyl chloride	1.205	1.409	-16.9	89	0.00
15 T	Acrylonitrile	0.170	0.183	-7.6	86	0.00
16 T	Acetone	0.187	0.185	1.1	79	0.00
17 T	Carbon Disulfide	1.302	1.716	-31.8#	88	0.00
18 T	Methyl Acetate	0.682	0.773	-13.3	88	0.00
19 T	Methyl tert-butyl Ether	1.568	1.723	-9.9	88	0.00
20 T	Methylene Chloride	0.762	0.853	-11.9	97	0.00
21 T	trans-1,2-Dichloroethene	0.582	0.670	-15.1	89	0.00
22 T	Diisopropyl ether	2.561	2.909	-13.6	90	0.00
23 T	Vinyl Acetate	1.105	1.163	-5.2	84	0.00
24 P	1,1-Dichloroethane	1.329	1.508	-13.5	90	0.00
25 T	2-Butanone	0.250	0.253	-1.2	84	0.00
26 T	2,2-Dichloropropane	1.178	1.221	-3.7	86	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.813	-12.8	89	0.00
28 T	Bromochloromethane	0.537	0.902	-68.0#	120	0.00
29 T	Tetrahydrofuran	0.148	0.160	-8.1	87	0.00
30 C	Chloroform	1.241	1.383	-11.4#	89	0.00
31 T	Cyclohexane	1.105	1.243	-12.5	92	0.00
32 T	1,1,1-Trichloroethane	1.022	1.139	-11.4	91	0.00
33 S	1,2-Dichloroethane-d4	0.707	0.759	-7.4	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.346	0.356	-2.9	87	0.00
36 T	1,1-Dichloropropene	0.512	0.567	-10.7	89	0.00
37 T	Ethyl Acetate	0.294	0.311	-5.8	86	0.00
38 T	Carbon Tetrachloride	0.483	0.514	-6.4	91	0.00
39 T	Methylcyclohexane	0.585	0.652	-11.5	92	0.00
40 TM	Benzene	1.461	1.637	-12.0	89	0.00
41 T	Methacrylonitrile	0.188	0.216	-14.9	100	-0.01
42 TM	1,2-Dichloroethane	0.463	0.503	-8.6	89	0.00
43 T	Isopropyl Acetate	0.607	0.646	-6.4	86	0.00
44 TM	Trichloroethene	0.358	0.388	-8.4	88	0.00
45 C	1,2-Dichloropropane	0.430	0.471	-9.5#	89	0.00
46 T	Dibromomethane	0.207	0.216	-4.3	87	0.00
47 T	Bromodichloromethane	0.547	0.584	-6.8	88	0.00
48 T	Methyl methacrylate	0.290	0.315	-8.6	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50 S	Toluene-d8	1.342	1.392	-3.7	88	0.00
51 T	4-Methyl-2-Pentanone	0.299	0.311	-4.0	88	0.00
52 CM	Toluene	0.891	0.970	-8.9#	88	0.00
53 T	t-1,3-Dichloropropene	0.579	0.618	-6.7	87	0.00
54 T	cis-1,3-Dichloropropene	0.667	0.717	-7.5	87	0.00
55 T	1,1,2-Trichloroethane	0.276	0.285	-3.3	87	0.00
56 T	Ethyl methacrylate	0.411	0.441	-7.3	89	0.00
57 T	1,3-Dichloropropane	0.516	0.547	-6.0	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.206	0.235	-14.1	90	0.00
59 T	2-Hexanone	0.220	0.219	0.5	85	0.00
60 T	Dibromochloromethane	0.332	0.349	-5.1	88	0.00
61 T	1,2-Dibromoethane	0.262	0.271	-3.4	85	0.00
62 S	4-Bromofluorobenzene	0.452	0.460	-1.8	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.318	0.355	-11.6	93	0.00
65 PM	Chlorobenzene	1.048	1.124	-7.3	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.415	-4.8	87	0.00
67 C	Ethyl Benzene	2.015	2.185	-8.4#	89	0.00
68 T	m/p-Xylenes	0.728	0.784	-7.7	89	0.00
69 T	o-Xylene	0.697	0.748	-7.3	87	0.00
70 T	Styrene	1.203	1.291	-7.3	88	0.00
71 P	Bromoform	0.219	0.220	-0.5	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	4.077	4.351	-6.7	88	0.00
74 T	N-amyl acetate	1.444	1.504	-4.2	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.799	0.826	-3.4	84	0.00
76 T	1,2,3-Trichloropropane	0.609	0.630	-3.4	87	0.00
77 T	Bromobenzene	0.897	0.948	-5.7	86	0.00
78 T	n-propylbenzene	5.176	5.526	-6.8	88	0.00
79 T	2-Chlorotoluene	2.931	3.114	-6.2	87	0.00
80 T	1,3,5-Trimethylbenzene	3.421	3.653	-6.8	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.315	0.314	0.3	84	0.00
82 T	4-Chlorotoluene	3.053	3.220	-5.5	87	0.00
83 T	tert-Butylbenzene	2.876	3.026	-5.2	87	0.00
84 T	1,2,4-Trimethylbenzene	3.398	3.602	-6.0	88	0.00
85 T	sec-Butylbenzene	4.400	4.666	-6.0	90	0.00
86 T	p-Isopropyltoluene	3.577	3.753	-4.9	87	0.00
87 T	1,3-Dichlorobenzene	1.764	1.846	-4.6	86	0.00
88 T	1,4-Dichlorobenzene	1.762	1.843	-4.6	87	0.00
89 T	n-Butylbenzene	3.717	3.941	-6.0	89	0.00
90 T	Hexachloroethane	0.732	0.787	-7.5	90	0.00
91 T	1,2-Dichlorobenzene	1.550	1.614	-4.1	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.133	1.5	83	0.00
93 T	1,2,4-Trichlorobenzene	1.065	1.092	-2.5	85	0.00
94 T	Hexachlorobutadiene	0.574	0.591	-3.0	88	0.00
95 T	Naphthalene	2.031	2.083	-2.6	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.919	0.946	-2.9	84	0.00

(#) = Out of Range

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