

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022277.D
 Acq On : 16 May 2025 08:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 17 01:26:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 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	80	0.00
2 T	Dichlorodifluoromethane	0.522	0.521	0.2	82	0.00
3 P	Chloromethane	1.097	1.067	2.7	81	0.00
4 C	Vinyl Chloride	1.226	1.343	-9.5#	88	0.00
5 T	Bromomethane	0.998	1.071	-7.3	97	0.00
6 T	Chloroethane	0.763	0.887	-16.3	93	0.00
7 T	Trichlorofluoromethane	1.241	1.308	-5.4	86	0.00
8 T	Diethyl Ether	0.298	0.310	-4.0	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.569	-5.6	84	0.00
10 T	Methyl Iodide	0.624	0.700	-12.2	81	0.00
11 T	Tert butyl alcohol	0.042	0.040	4.8	83	0.00
12 CM	1,1-Dichloroethene	0.535	0.570	-6.5#	84	0.00
13 T	Acrolein	0.061	0.050	18.0	71	0.00
14 T	Allyl chloride	0.938	0.962	-2.6	80	0.00
15 T	Acrylonitrile	0.123	0.128	-4.1	85	0.00
16 T	Acetone	0.102	0.103	-1.0	88	0.00
17 T	Carbon Disulfide	1.744	1.850	-6.1	84	0.00
18 T	Methyl Acetate	0.323	0.324	-0.3	86	0.00
19 T	Methyl tert-butyl Ether	1.475	1.543	-4.6	84	0.00
20 T	Methylene Chloride	0.662	0.631	4.7	84	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.626	-6.1	84	0.00
22 T	Diisopropyl ether	1.980	2.052	-3.6	82	0.00
23 T	Vinyl Acetate	1.196	1.202	-0.5	82	0.00
24 P	1,1-Dichloroethane	1.106	1.172	-6.0	84	0.00
25 T	2-Butanone	0.171	0.166	2.9	82	0.00
26 T	2,2-Dichloropropane	0.984	1.070	-8.7	86	0.00
27 T	cis-1,2-Dichloroethene	0.681	0.737	-8.2	85	0.00
28 T	Bromochloromethane	0.472	0.487	-3.2	82	0.00
29 T	Tetrahydrofuran	0.110	0.109	0.9	81	0.00
30 C	Chloroform	1.061	1.161	-9.4#	86	0.00
31 T	Cyclohexane	1.105	1.093	1.1	82	0.00
32 T	1,1,1-Trichloroethane	0.974	1.038	-6.6	85	0.00
33 S	1,2-Dichloroethane-d4	0.546	0.552	-1.1	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.298	0.308	-3.4	83	0.00
36 T	1,1-Dichloropropene	0.492	0.515	-4.7	83	0.00
37 T	Ethyl Acetate	0.237	0.230	3.0	80	0.00
38 T	Carbon Tetrachloride	0.509	0.537	-5.5	84	0.00
39 T	Methylcyclohexane	0.660	0.680	-3.0	82	0.00
40 TM	Benzene	1.457	1.567	-7.5	85	0.00
41 T	Methacrylonitrile	0.157	0.140	10.8	72	0.00
42 TM	1,2-Dichloroethane	0.394	0.417	-5.8	84	0.00
43 T	Isopropyl Acetate	0.516	0.512	0.8	81	0.00
44 TM	Trichloroethene	0.362	0.381	-5.2	83	0.00
45 C	1,2-Dichloropropane	0.351	0.371	-5.7#	84	0.00
46 T	Dibromomethane	0.189	0.197	-4.2	84	0.00
47 T	Bromodichloromethane	0.492	0.533	-8.3	85	0.00
48 T	Methyl methacrylate	0.241	0.239	0.8	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50 S	Toluene-d8	1.222	1.265	-3.5	83	0.00
51 T	4-Methyl-2-Pentanone	0.253	0.250	1.2	80	0.00
52 CM	Toluene	0.923	0.982	-6.4#	84	0.00
53 T	t-1,3-Dichloropropene	0.480	0.500	-4.2	83	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.587	-6.7	85	0.00
55 T	1,1,2-Trichloroethane	0.243	0.254	-4.5	85	0.00
56 T	Ethyl methacrylate	0.378	0.383	-1.3	82	0.00
57 T	1,3-Dichloropropane	0.431	0.453	-5.1	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.170	0.179	-5.3	79	0.00
59 T	2-Hexanone	0.170	0.165	2.9	81	0.00
60 T	Dibromochloromethane	0.315	0.338	-7.3	85	0.00
61 T	1,2-Dibromoethane	0.226	0.238	-5.3	85	0.00
62 S	4-Bromofluorobenzene	0.387	0.388	-0.3	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.462	0.477	-3.2	82	0.00
65 PM	Chlorobenzene	1.128	1.200	-6.4	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.411	-5.9	84	0.00
67 C	Ethyl Benzene	2.113	2.235	-5.8#	83	0.00
68 T	m/p-Xylenes	0.796	0.848	-6.5	84	0.00
69 T	o-Xylene	0.753	0.804	-6.8	85	0.00
70 T	Styrene	1.270	1.355	-6.7	84	0.00
71 P	Bromoform	0.209	0.214	-2.4	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	4.142	4.419	-6.7	84	0.00
74 T	N-amyl acetate	1.185	1.180	0.4	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.637	0.651	-2.2	83	0.00
76 T	1,2,3-Trichloropropane	0.507	0.540	-6.5	86	0.00
77 T	Bromobenzene	0.885	0.931	-5.2	83	0.00
78 T	n-propylbenzene	4.996	5.356	-7.2	84	0.00
79 T	2-Chlorotoluene	2.746	2.925	-6.5	84	0.00
80 T	1,3,5-Trimethylbenzene	3.344	3.549	-6.1	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.238	4.8	81	0.00
82 T	4-Chlorotoluene	2.824	3.008	-6.5	83	0.00
83 T	tert-Butylbenzene	2.972	3.142	-5.7	83	0.00
84 T	1,2,4-Trimethylbenzene	3.319	3.567	-7.5	84	0.00
85 T	sec-Butylbenzene	4.412	4.725	-7.1	83	0.00
86 T	p-Isopropyltoluene	3.710	3.971	-7.0	83	0.00
87 T	1,3-Dichlorobenzene	1.806	1.921	-6.4	84	0.00
88 T	1,4-Dichlorobenzene	1.737	1.826	-5.1	84	0.00
89 T	n-Butylbenzene	3.510	3.816	-8.7	83	0.00
90 T	Hexachloroethane	0.749	0.798	-6.5	84	0.00
91 T	1,2-Dichlorobenzene	1.517	1.596	-5.2	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.104	-1.0	84	0.00
93 T	1,2,4-Trichlorobenzene	0.876	0.929	-6.1	83	0.00
94 T	Hexachlorobutadiene	0.489	0.515	-5.3	82	0.00
95 T	Naphthalene	1.663	1.685	-1.3	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.768	-3.4	82	0.00

(#) = Out of Range

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