

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023877.D
 Acq On : 04 Dec 2025 07:31
 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: Dec 05 01:40:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 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	104	0.00
2 T	Dichlorodifluoromethane	0.378	0.405	-7.1	100	0.00
3 P	Chloromethane	0.539	0.585	-8.5	102	0.00
4 C	Vinyl Chloride	0.615	0.676	-9.9#	100	0.00
5 T	Bromomethane	0.444	0.459	-3.4	105	0.00
6 T	Chloroethane	0.417	0.447	-7.2	101	0.00
7 T	Trichlorofluoromethane	0.860	0.944	-9.8	103	0.00
8 T	Diethyl Ether	0.258	0.282	-9.3	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.565	-9.5	105	0.00
10 T	Methyl Iodide	0.513	0.644	-25.5#	103	0.00
11 T	Tert butyl alcohol	0.041	0.033	19.5	94	0.01
12 CM	1,1-Dichloroethene	0.482	0.545	-13.1#	105	0.00
13 T	Acrolein	0.031	0.031	0.0	151#	0.01
14 T	Allyl chloride	0.770	0.855	-11.0	103	0.00
15 T	Acrylonitrile	0.112	0.121	-8.0	102	0.00
16 T	Acetone	0.150	0.172	-14.7	117	0.00
17 T	Carbon Disulfide	1.423	1.740	-22.3	104	0.00
18 T	Methyl Acetate	0.254	0.265	-4.3	100	0.00
19 T	Methyl tert-butyl Ether	1.210	1.346	-11.2	104	0.00
20 T	Methylene Chloride	0.610	0.567	7.0	101	0.00
21 T	trans-1,2-Dichloroethene	0.531	0.602	-13.4	105	0.00
22 T	Diisopropyl ether	1.696	1.851	-9.1	102	0.00
23 T	Vinyl Acetate	0.940	1.058	-12.6	102	0.00
24 P	1,1-Dichloroethane	0.980	1.062	-8.4	104	0.00
25 T	2-Butanone	0.181	0.193	-6.6	107	0.00
26 T	2,2-Dichloropropane	0.898	0.952	-6.0	106	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.675	-9.4	104	0.00
28 T	Bromochloromethane	0.374	0.383	-2.4	90	0.00
29 T	Tetrahydrofuran	0.093	0.101	-8.6	99	0.00
30 C	Chloroform	0.990	1.064	-7.5#	104	0.00
31 T	Cyclohexane	0.937	1.032	-10.1	102	0.00
32 T	1,1,1-Trichloroethane	0.894	0.972	-8.7	104	0.00
33 S	1,2-Dichloroethane-d4	0.500	0.414	17.2	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.321	0.278	13.4	90	0.00
36 T	1,1-Dichloropropene	0.473	0.543	-14.8	103	0.00
37 T	Ethyl Acetate	0.218	0.243	-11.5	101	0.00
38 T	Carbon Tetrachloride	0.522	0.597	-14.4	105	0.00
39 T	Methylcyclohexane	0.616	0.745	-20.9	103	0.00
40 TM	Benzene	1.429	1.619	-13.3	103	0.00
41 T	Methacrylonitrile	0.113	0.110	2.7	88	0.00
42 TM	1,2-Dichloroethane	0.373	0.416	-11.5	103	0.00
43 T	Isopropyl Acetate	0.409	0.455	-11.2	102	0.00
44 TM	Trichloroethene	0.368	0.420	-14.1	104	0.00
45 C	1,2-Dichloropropane	0.338	0.378	-11.8#	103	0.00
46 T	Dibromomethane	0.183	0.205	-12.0	103	0.00
47 T	Bromodichloromethane	0.483	0.543	-12.4	104	0.00
48 T	Methyl methacrylate	0.191	0.225	-17.8	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	100	0.00
50 S	Toluene-d8	1.248	1.082	13.3	90	0.00
51 T	4-Methyl-2-Pentanone	0.215	0.243	-13.0	100	0.00
52 CM	Toluene	0.895	1.038	-16.0#	104	0.00
53 T	t-1,3-Dichloropropene	0.436	0.501	-14.9	103	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.591	-15.0	104	0.00
55 T	1,1,2-Trichloroethane	0.247	0.272	-10.1	102	0.00
56 T	Ethyl methacrylate	0.316	0.368	-16.5	101	0.00
57 T	1,3-Dichloropropane	0.426	0.479	-12.4	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.136	0.160	-17.6	95	0.00
59 T	2-Hexanone	0.162	0.188	-16.0	105	0.00
60 T	Dibromochloromethane	0.332	0.370	-11.4	103	0.00
61 T	1,2-Dibromoethane	0.225	0.256	-13.8	103	0.00
62 S	4-Bromofluorobenzene	0.426	0.356	16.4	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.489	0.561	-14.7	104	0.00
65 PM	Chlorobenzene	1.141	1.282	-12.4	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.389	0.435	-11.8	104	0.00
67 C	Ethyl Benzene	1.973	2.283	-15.7#	103	0.00
68 T	m/p-Xylenes	0.754	0.883	-17.1	104	0.00
69 T	o-Xylene	0.705	0.821	-16.5	102	0.00
70 T	Styrene	1.163	1.352	-16.3	103	0.00
71 P	Bromoform	0.220	0.254	-15.5	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.684	4.313	-17.1	104	0.00
74 T	N-amyl acetate	0.798	0.911	-14.2	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.594	0.653	-9.9	103	0.00
76 T	1,2,3-Trichloropropane	0.496	0.484	2.4	97	0.00
77 T	Bromobenzene	0.856	0.961	-12.3	103	0.00
78 T	n-propylbenzene	4.445	5.189	-16.7	103	0.00
79 T	2-Chlorotoluene	2.525	2.878	-14.0	103	0.00
80 T	1,3,5-Trimethylbenzene	2.993	3.514	-17.4	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.207	0.230	-11.1	100	0.00
82 T	4-Chlorotoluene	2.617	2.940	-12.3	102	0.00
83 T	tert-Butylbenzene	2.699	3.197	-18.5	105	0.00
84 T	1,2,4-Trimethylbenzene	2.965	3.440	-16.0	102	0.00
85 T	sec-Butylbenzene	4.014	4.682	-16.6	103	0.00
86 T	p-Isopropyltoluene	3.324	3.930	-18.2	103	0.00
87 T	1,3-Dichlorobenzene	1.724	1.929	-11.9	104	0.00
88 T	1,4-Dichlorobenzene	1.690	1.886	-11.6	104	0.00
89 T	n-Butylbenzene	3.076	3.627	-17.9	103	0.00
90 T	Hexachloroethane	0.697	0.781	-12.1	104	0.00
91 T	1,2-Dichlorobenzene	1.499	1.677	-11.9	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.102	-9.7	103	0.00
93 T	1,2,4-Trichlorobenzene	0.889	0.973	-9.4	101	0.00
94 T	Hexachlorobutadiene	0.558	0.630	-12.9	104	0.00
95 T	Naphthalene	1.465	1.631	-11.3	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.759	0.818	-7.8	99	0.00

(#) = Out of Range

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