

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
 Data File : VY023679.D
 Acq On : 05 Nov 2025 09:25
 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: Nov 06 03:24:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 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	95	0.00
2 T	Dichlorodifluoromethane	0.328	0.290	11.6	100	0.00
3 P	Chloromethane	0.459	0.434	5.4	100	0.00
4 C	Vinyl Chloride	0.598	0.559	6.5#	97	0.00
5 T	Bromomethane	0.503	0.454	9.7	98	0.00
6 T	Chloroethane	0.413	0.401	2.9	99	0.00
7 T	Trichlorofluoromethane	0.842	0.803	4.6	98	0.00
8 T	Diethyl Ether	0.226	0.220	2.7	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.464	0.453	2.4	100	0.00
10 T	Methyl Iodide	0.548	0.563	-2.7	94	0.00
11 T	Tert butyl alcohol	0.028	0.028	0.0	118	-0.01
12 CM	1,1-Dichloroethene	0.447	0.435	2.7#	98	0.00
13 T	Acrolein	0.035	0.031	11.4	100	0.00
14 T	Allyl chloride	0.544	0.556	-2.2	101	0.00
15 T	Acrylonitrile	0.086	0.091	-5.8	107	0.00
16 T	Acetone	0.106	0.119	-12.3	120	0.00
17 T	Carbon Disulfide	1.371	1.346	1.8	100	0.00
18 T	Methyl Acetate	0.234	0.265	-13.2	120	0.00
19 T	Methyl tert-butyl Ether	1.036	1.072	-3.5	101	0.00
20 T	Methylene Chloride	0.512	0.501	2.1	104	0.00
21 T	trans-1,2-Dichloroethene	0.504	0.508	-0.8	99	0.00
22 T	Diisopropyl ether	1.212	1.282	-5.8	100	0.00
23 T	Vinyl Acetate	0.647	0.690	-6.6	101	0.00
24 P	1,1-Dichloroethane	0.807	0.802	0.6	99	0.00
25 T	2-Butanone	0.123	0.132	-7.3	113	0.00
26 T	2,2-Dichloropropane	0.742	0.747	-0.7	100	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.580	-0.9	99	0.00
28 T	Bromochloromethane	0.309	0.310	-0.3	102	0.00
29 T	Tetrahydrofuran	0.065	0.072	-10.8	110	0.00
30 C	Chloroform	0.901	0.905	-0.4#	100	0.00
31 T	Cyclohexane	0.703	0.692	1.6	100	0.00
32 T	1,1,1-Trichloroethane	0.805	0.796	1.1	99	0.00
33 S	1,2-Dichloroethane-d4	0.427	0.431	-0.9	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.312	0.324	-3.8	98	0.00
36 T	1,1-Dichloropropene	0.418	0.435	-4.1	100	0.00
37 T	Ethyl Acetate	0.162	0.178	-9.9	108	0.00
38 T	Carbon Tetrachloride	0.492	0.505	-2.6	99	0.00
39 T	Methylcyclohexane	0.534	0.565	-5.8	98	0.00
40 TM	Benzene	1.316	1.381	-4.9	101	0.00
41 T	Methacrylonitrile	0.088	0.095	-8.0	106	0.00
42 TM	1,2-Dichloroethane	0.333	0.349	-4.8	102	0.00
43 T	Isopropyl Acetate	0.304	0.324	-6.6	103	0.00
44 TM	Trichloroethene	0.378	0.382	-1.1	98	0.00
45 C	1,2-Dichloropropane	0.290	0.309	-6.6#	102	0.00
46 T	Dibromomethane	0.180	0.192	-6.7	104	0.00
47 T	Bromodichloromethane	0.454	0.480	-5.7	101	0.00
48 T	Methyl methacrylate	0.143	0.166	-16.1	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	104	0.00
50 S	Toluene-d8	1.164	1.234	-6.0	97	0.00
51 T	4-Methyl-2-Pentanone	0.162	0.182	-12.3	108	0.00
52 CM	Toluene	0.840	0.911	-8.5#	100	0.00
53 T	t-1,3-Dichloropropene	0.384	0.412	-7.3	100	0.00
54 T	cis-1,3-Dichloropropene	0.460	0.493	-7.2	100	0.00
55 T	1,1,2-Trichloroethane	0.241	0.253	-5.0	101	0.00
56 T	Ethyl methacrylate	0.265	0.297	-12.1	101	0.00
57 T	1,3-Dichloropropane	0.381	0.406	-6.6	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.122	0.134	-9.8	98	0.00
59 T	2-Hexanone	0.118	0.136	-15.3	111	0.00
60 T	Dibromochloromethane	0.330	0.351	-6.4	101	0.00
61 T	1,2-Dibromoethane	0.226	0.243	-7.5	103	0.00
62 S	4-Bromofluorobenzene	0.376	0.411	-9.3	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.520	0.522	-0.4	96	0.00
65 PM	Chlorobenzene	1.088	1.107	-1.7	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.392	-1.8	99	0.00
67 C	Ethyl Benzene	1.762	1.873	-6.3#	98	0.00
68 T	m/p-Xylenes	0.704	0.750	-6.5	98	0.00
69 T	o-Xylene	0.651	0.695	-6.8	98	0.00
70 T	Styrene	1.074	1.169	-8.8	99	0.00
71 P	Bromoform	0.225	0.237	-5.3	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.344	3.561	-6.5	98	0.00
74 T	N-amyl acetate	0.566	0.603	-6.5	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.534	0.553	-3.6	104	0.00
76 T	1,2,3-Trichloropropane	0.405	0.440	-8.6	112	0.00
77 T	Bromobenzene	0.867	0.894	-3.1	98	0.00
78 T	n-propylbenzene	3.933	4.210	-7.0	98	0.00
79 T	2-Chlorotoluene	2.283	2.417	-5.9	99	0.00
80 T	1,3,5-Trimethylbenzene	2.717	2.955	-8.8	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.179	0.191	-6.7	105	0.00
82 T	4-Chlorotoluene	2.354	2.513	-6.8	100	0.00
83 T	tert-Butylbenzene	2.475	2.623	-6.0	97	0.00
84 T	1,2,4-Trimethylbenzene	2.691	2.879	-7.0	97	0.00
85 T	sec-Butylbenzene	3.569	3.808	-6.7	98	0.00
86 T	p-Isopropyltoluene	3.022	3.249	-7.5	97	0.00
87 T	1,3-Dichlorobenzene	1.707	1.752	-2.6	98	0.00
88 T	1,4-Dichlorobenzene	1.677	1.688	-0.7	97	0.00
89 T	n-Butylbenzene	2.627	2.830	-7.7	98	0.00
90 T	Hexachloroethane	0.649	0.662	-2.0	98	0.00
91 T	1,2-Dichlorobenzene	1.471	1.518	-3.2	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.087	-6.1	108	0.00
93 T	1,2,4-Trichlorobenzene	0.842	0.888	-5.5	99	0.00
94 T	Hexachlorobutadiene	0.551	0.562	-2.0	97	0.00
95 T	Naphthalene	1.257	1.401	-11.5	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.766	-9.0	101	0.00

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