

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
 Data File : VY023772.D
 Acq On : 12 Nov 2025 18:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 03:42:31 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	100	0.00
2 T	Dichlorodifluoromethane	0.328	0.265	19.2	97	0.00
3 P	Chloromethane	0.459	0.409	10.9	99	0.00
4 C	Vinyl Chloride	0.598	0.520	13.0#	95	0.00
5 T	Bromomethane	0.503	0.421	16.3	95	0.00
6 T	Chloroethane	0.413	0.344	16.7	89	0.00
7 T	Trichlorofluoromethane	0.842	0.798	5.2	103	0.00
8 T	Diethyl Ether	0.226	0.230	-1.8	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.464	0.452	2.6	105	0.00
10 T	Methyl Iodide	0.548	0.532	2.9	93	0.00
11 T	Tert butyl alcohol	0.028	0.033	-17.9	146	-0.02
12 CM	1,1-Dichloroethene	0.447	0.436	2.5#	104	0.00
13 T	Acrolein	0.035	0.018	48.6#	61	0.00
14 T	Allyl chloride	0.544	0.567	-4.2	108	0.00
15 T	Acrylonitrile	0.086	0.095	-10.5	117	0.00
16 T	Acetone	0.106	0.100	5.7	107	0.00
17 T	Carbon Disulfide	1.371	1.294	5.6	101	0.00
18 T	Methyl Acetate	0.234	0.229	2.1	109	0.00
19 T	Methyl tert-butyl Ether	1.036	1.112	-7.3	111	0.00
20 T	Methylene Chloride	0.512	0.517	-1.0	113	0.00
21 T	trans-1,2-Dichloroethene	0.504	0.500	0.8	103	0.00
22 T	Diisopropyl ether	1.212	1.318	-8.7	108	0.00
23 T	Vinyl Acetate	0.647	0.716	-10.7	110	0.00
24 P	1,1-Dichloroethane	0.807	0.823	-2.0	106	0.00
25 T	2-Butanone	0.123	0.126	-2.4	114	0.00
26 T	2,2-Dichloropropane	0.742	0.725	2.3	103	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.590	-2.6	106	0.00
28 T	Bromochloromethane	0.309	0.312	-1.0	108	0.00
29 T	Tetrahydrofuran	0.065	0.073	-12.3	119	0.00
30 C	Chloroform	0.901	0.910	-1.0#	106	0.00
31 T	Cyclohexane	0.703	0.692	1.6	105	0.00
32 T	1,1,1-Trichloroethane	0.805	0.797	1.0	104	0.00
33 S	1,2-Dichloroethane-d4	0.427	0.433	-1.4	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.312	0.316	-1.3	104	0.00
36 T	1,1-Dichloropropene	0.418	0.417	0.2	104	0.00
37 T	Ethyl Acetate	0.162	0.180	-11.1	119	0.00
38 T	Carbon Tetrachloride	0.492	0.488	0.8	104	0.00
39 T	Methylcyclohexane	0.534	0.541	-1.3	103	0.00
40 TM	Benzene	1.316	1.308	0.6	104	0.00
41 T	Methacrylonitrile	0.088	0.087	1.1	106	0.00
42 TM	1,2-Dichloroethane	0.333	0.338	-1.5	108	0.00
43 T	Isopropyl Acetate	0.304	0.333	-9.5	115	0.00
44 TM	Trichloroethene	0.378	0.373	1.3	104	0.00
45 C	1,2-Dichloropropane	0.290	0.298	-2.8#	107	0.00
46 T	Dibromomethane	0.180	0.182	-1.1	108	0.00
47 T	Bromodichloromethane	0.454	0.467	-2.9	107	0.00
48 T	Methyl methacrylate	0.143	0.158	-10.5	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	116	0.00
50 S	Toluene-d8	1.164	1.192	-2.4	102	0.00
51 T	4-Methyl-2-Pentanone	0.162	0.178	-9.9	115	0.00
52 CM	Toluene	0.840	0.867	-3.2#	104	0.00
53 T	t-1,3-Dichloropropene	0.384	0.406	-5.7	107	0.00
54 T	cis-1,3-Dichloropropene	0.460	0.480	-4.3	106	0.00
55 T	1,1,2-Trichloroethane	0.241	0.245	-1.7	107	0.00
56 T	Ethyl methacrylate	0.265	0.308	-16.2	114	0.00
57 T	1,3-Dichloropropane	0.381	0.402	-5.5	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.122	0.137	-12.3	109	0.00
59 T	2-Hexanone	0.118	0.126	-6.8	113	0.00
60 T	Dibromochloromethane	0.330	0.336	-1.8	105	0.00
61 T	1,2-Dibromoethane	0.226	0.235	-4.0	108	0.00
62 S	4-Bromofluorobenzene	0.376	0.412	-9.6	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.520	0.528	-1.5	107	0.00
65 PM	Chlorobenzene	1.088	1.060	2.6	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.382	0.8	105	0.00
67 C	Ethyl Benzene	1.762	1.821	-3.3#	104	0.00
68 T	m/p-Xylenes	0.704	0.715	-1.6	102	0.00
69 T	o-Xylene	0.651	0.670	-2.9	103	0.00
70 T	Styrene	1.074	1.130	-5.2	104	0.00
71 P	Bromoform	0.225	0.226	-0.4	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.344	3.366	-0.7	104	0.00
74 T	N-amyl acetate	0.566	0.621	-9.7	115	0.00
75 P	1,1,2,2-Tetrachloroethane	0.534	0.524	1.9	111	0.00
76 T	1,2,3-Trichloropropane	0.405	0.389	4.0	111	0.00
77 T	Bromobenzene	0.867	0.837	3.5	103	0.00
78 T	n-propylbenzene	3.933	3.960	-0.7	103	0.00
79 T	2-Chlorotoluene	2.283	2.290	-0.3	105	0.00
80 T	1,3,5-Trimethylbenzene	2.717	2.747	-1.1	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.179	0.172	3.9	106	0.00
82 T	4-Chlorotoluene	2.354	2.335	0.8	104	0.00
83 T	tert-Butylbenzene	2.475	2.460	0.6	102	0.00
84 T	1,2,4-Trimethylbenzene	2.691	2.744	-2.0	104	0.00
85 T	sec-Butylbenzene	3.569	3.584	-0.4	104	0.00
86 T	p-Isopropyltoluene	3.022	3.017	0.2	101	0.00
87 T	1,3-Dichlorobenzene	1.707	1.604	6.0	101	0.00
88 T	1,4-Dichlorobenzene	1.677	1.565	6.7	101	0.00
89 T	n-Butylbenzene	2.627	2.653	-1.0	103	0.00
90 T	Hexachloroethane	0.649	0.608	6.3	101	0.00
91 T	1,2-Dichlorobenzene	1.471	1.406	4.4	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.083	-1.2	117	0.00
93 T	1,2,4-Trichlorobenzene	0.842	0.819	2.7	102	0.00
94 T	Hexachlorobutadiene	0.551	0.515	6.5	99	0.00
95 T	Naphthalene	1.257	1.331	-5.9	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.704	-0.1	105	0.00

(#) = Out of Range

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