

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112425\
 Data File : VY023786.D
 Acq On : 24 Nov 2025 13:25
 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 26 02:08:49 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	90	0.00
2 T	Dichlorodifluoromethane	0.328	0.287	12.5	94	0.00
3 P	Chloromethane	0.459	0.482	-5.0	105	0.00
4 C	Vinyl Chloride	0.598	0.610	-2.0#	101	0.00
5 T	Bromomethane	0.503	0.414	17.7	84	0.00
6 T	Chloroethane	0.413	0.383	7.3	89	0.00
7 T	Trichlorofluoromethane	0.842	0.840	0.2	97	0.00
8 T	Diethyl Ether	0.226	0.213	5.8	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.464	0.489	-5.4	102	0.00
10 T	Methyl Iodide	0.548	0.539	1.6	85	0.00
11 T	Tert butyl alcohol	0.028	0.029	-3.6	114	-0.02
12 CM	1,1-Dichloroethene	0.447	0.456	-2.0#	98	0.00
13 T	Acrolein	0.035	0.010	71.4#	30#	0.00
14 T	Allyl chloride	0.544	0.659	-21.1	113	0.00
15 T	Acrylonitrile	0.086	0.086	0.0	95	-0.01
16 T	Acetone	0.106	0.102	3.8	97	0.00
17 T	Carbon Disulfide	1.371	1.433	-4.5	100	0.00
18 T	Methyl Acetate	0.234	0.236	-0.9	101	0.00
19 T	Methyl tert-butyl Ether	1.036	0.986	4.8	88	0.00
20 T	Methylene Chloride	0.512	0.548	-7.0	108	0.00
21 T	trans-1,2-Dichloroethene	0.504	0.539	-6.9	100	0.00
22 T	Diisopropyl ether	1.212	1.461	-20.5	108	0.00
23 T	Vinyl Acetate	0.647	0.704	-8.8	97	0.00
24 P	1,1-Dichloroethane	0.807	0.926	-14.7	108	0.00
25 T	2-Butanone	0.123	0.115	6.5	94	0.00
26 T	2,2-Dichloropropane	0.742	0.819	-10.4	104	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.603	-4.9	97	0.00
28 T	Bromochloromethane	0.309	0.351	-13.6	109	0.00
29 T	Tetrahydrofuran	0.065	0.063	3.1	93	0.00
30 C	Chloroform	0.901	0.968	-7.4#	101	0.00
31 T	Cyclohexane	0.703	0.800	-13.8	109	0.00
32 T	1,1,1-Trichloroethane	0.805	0.858	-6.6	101	0.00
33 S	1,2-Dichloroethane-d4	0.427	0.427	0.0	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.312	0.323	-3.5	96	0.00
36 T	1,1-Dichloropropene	0.418	0.465	-11.2	104	0.00
37 T	Ethyl Acetate	0.162	0.154	4.9	91	0.00
38 T	Carbon Tetrachloride	0.492	0.512	-4.1	98	0.00
39 T	Methylcyclohexane	0.534	0.588	-10.1	100	0.00
40 TM	Benzene	1.316	1.469	-11.6	105	0.00
41 T	Methacrylonitrile	0.088	0.083	5.7	90	0.00
42 TM	1,2-Dichloroethane	0.333	0.335	-0.6	96	0.00
43 T	Isopropyl Acetate	0.304	0.291	4.3	90	0.00
44 TM	Trichloroethene	0.378	0.371	1.9	93	0.00
45 C	1,2-Dichloropropane	0.290	0.332	-14.5#	107	0.00
46 T	Dibromomethane	0.180	0.176	2.2	93	0.00
47 T	Bromodichloromethane	0.454	0.487	-7.3	101	0.00
48 T	Methyl methacrylate	0.143	0.144	-0.7	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	87	-0.01
50 S	Toluene-d8	1.164	1.252	-7.6	97	0.00
51 T	4-Methyl-2-Pentanone	0.162	0.155	4.3	90	0.00
52 CM	Toluene	0.840	0.921	-9.6#	99	0.00
53 T	t-1,3-Dichloropropene	0.384	0.394	-2.6	93	0.00
54 T	cis-1,3-Dichloropropene	0.460	0.492	-7.0	97	0.00
55 T	1,1,2-Trichloroethane	0.241	0.250	-3.7	98	0.00
56 T	Ethyl methacrylate	0.265	0.267	-0.8	88	0.00
57 T	1,3-Dichloropropane	0.381	0.417	-9.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.122	0.129	-5.7	93	0.00
59 T	2-Hexanone	0.118	0.114	3.4	91	0.00
60 T	Dibromochloromethane	0.330	0.345	-4.5	97	0.00
61 T	1,2-Dibromoethane	0.226	0.229	-1.3	95	0.00
62 S	4-Bromofluorobenzene	0.376	0.475	-26.3#	112	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.520	0.471	9.4	94	0.00
65 PM	Chlorobenzene	1.088	1.110	-2.0	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.385	0.0	104	0.00
67 C	Ethyl Benzene	1.762	1.948	-10.6#	110	0.00
68 T	m/p-Xylenes	0.704	0.756	-7.4	106	0.00
69 T	o-Xylene	0.651	0.681	-4.6	103	0.00
70 T	Styrene	1.074	1.120	-4.3	102	0.00
71 P	Bromoform	0.225	0.193	14.2	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.344	3.948	-18.1	106	0.00
74 T	N-amyl acetate	0.566	0.555	1.9	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.534	0.541	-1.3	100	0.00
76 T	1,2,3-Trichloropropane	0.405	0.443	-9.4	110	0.00
77 T	Bromobenzene	0.867	0.934	-7.7	101	0.00
78 T	n-propylbenzene	3.933	4.705	-19.6	107	0.00
79 T	2-Chlorotoluene	2.283	2.677	-17.3	107	0.00
80 T	1,3,5-Trimethylbenzene	2.717	3.212	-18.2	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.179	0.173	3.4	93	0.00
82 T	4-Chlorotoluene	2.354	2.710	-15.1	105	0.00
83 T	tert-Butylbenzene	2.475	2.815	-13.7	102	0.00
84 T	1,2,4-Trimethylbenzene	2.691	3.132	-16.4	103	0.00
85 T	sec-Butylbenzene	3.569	4.195	-17.5	106	0.00
86 T	p-Isopropyltoluene	3.022	3.507	-16.0	103	0.00
87 T	1,3-Dichlorobenzene	1.707	1.785	-4.6	98	0.00
88 T	1,4-Dichlorobenzene	1.677	1.679	-0.1	94	0.00
89 T	n-Butylbenzene	2.627	3.063	-16.6	103	0.00
90 T	Hexachloroethane	0.649	0.710	-9.4	103	0.00
91 T	1,2-Dichlorobenzene	1.471	1.490	-1.3	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.071	13.4	87	0.00
93 T	1,2,4-Trichlorobenzene	0.842	0.829	1.5	90	0.00
94 T	Hexachlorobutadiene	0.551	0.617	-12.0	104	0.00
95 T	Naphthalene	1.257	1.182	6.0	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.701	0.3	91	0.00

(#) = Out of Range

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