

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023729.D
 Acq On : 11 Nov 2025 10:32
 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 12 03:31:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 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	103	0.00
2 T	Dichlorodifluoromethane	0.360	0.277	23.1	89	0.00
3 P	Chloromethane	0.490	0.385	21.4	88	0.00
4 C	Vinyl Chloride	0.639	0.515	19.4#	89	0.00
5 T	Bromomethane	0.536	0.419	21.8	92	0.01
6 T	Chloroethane	0.435	0.365	16.1	91	0.01
7 T	Trichlorofluoromethane	0.887	0.810	8.7	99	0.01
8 T	Diethyl Ether	0.232	0.223	3.9	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.466	-1.3	110	0.01
10 T	Methyl Iodide	0.512	0.590	-15.2	113	0.01
11 T	Tert butyl alcohol	0.031	0.023	25.8#	95	0.00
12 CM	1,1-Dichloroethene	0.446	0.456	-2.2#	110	0.01
13 T	Acrolein	0.044	0.020	54.5#	49#	0.01
14 T	Allyl chloride	0.544	0.571	-5.0	112	0.01
15 T	Acrylonitrile	0.089	0.085	4.5	108	0.01
16 T	Acetone	0.100	0.100	0.0	123	0.00
17 T	Carbon Disulfide	1.277	1.328	-4.0	112	0.01
18 T	Methyl Acetate	0.261	0.191	26.8#	80	0.00
19 T	Methyl tert-butyl Ether	1.072	1.070	0.2	108	0.00
20 T	Methylene Chloride	0.538	0.479	11.0	107	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.506	-3.1	111	0.01
22 T	Diisopropyl ether	1.202	1.268	-5.5	112	0.00
23 T	Vinyl Acetate	0.651	0.696	-6.9	115	0.00
24 P	1,1-Dichloroethane	0.796	0.812	-2.0	110	0.01
25 T	2-Butanone	0.122	0.116	4.9	113	0.00
26 T	2,2-Dichloropropane	0.731	0.782	-7.0	114	0.00
27 T	cis-1,2-Dichloroethene	0.567	0.588	-3.7	112	0.00
28 T	Bromochloromethane	0.297	0.289	2.7	112	0.00
29 T	Tetrahydrofuran	0.069	0.064	7.2	104	0.00
30 C	Chloroform	0.875	0.896	-2.4#	110	0.00
31 T	Cyclohexane	0.696	0.712	-2.3	114	0.00
32 T	1,1,1-Trichloroethane	0.795	0.824	-3.6	111	0.00
33 S	1,2-Dichloroethane-d4	0.418	0.385	7.9	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.307	0.301	2.0	102	0.00
36 T	1,1-Dichloropropene	0.407	0.449	-10.3	115	0.00
37 T	Ethyl Acetate	0.161	0.164	-1.9	111	0.00
38 T	Carbon Tetrachloride	0.493	0.526	-6.7	111	0.00
39 T	Methylcyclohexane	0.530	0.594	-12.1	114	0.00
40 TM	Benzene	1.288	1.355	-5.2	109	0.00
41 T	Methacrylonitrile	0.087	0.083	4.6	105	0.01
42 TM	1,2-Dichloroethane	0.332	0.336	-1.2	108	0.01
43 T	Isopropyl Acetate	0.321	0.316	1.6	106	0.00
44 TM	Trichloroethene	0.377	0.387	-2.7	107	0.00
45 C	1,2-Dichloropropane	0.285	0.301	-5.6#	112	0.00
46 T	Dibromomethane	0.180	0.179	0.6	105	0.00
47 T	Bromodichloromethane	0.453	0.469	-3.5	108	0.00
48 T	Methyl methacrylate	0.151	0.152	-0.7	104	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	0.00
50 S	Toluene-d8	1.144	1.140	0.3	102	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.166	0.0	106	0.00
52 CM	Toluene	0.836	0.886	-6.0#	109	0.00
53 T	t-1,3-Dichloropropene	0.394	0.404	-2.5	107	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.486	-4.5	109	0.00
55 T	1,1,2-Trichloroethane	0.242	0.241	0.4	106	0.00
56 T	Ethyl methacrylate	0.279	0.294	-5.4	107	0.00
57 T	1,3-Dichloropropane	0.383	0.386	-0.8	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.120	4.0	95	0.00
59 T	2-Hexanone	0.119	0.120	-0.8	109	0.00
60 T	Dibromochloromethane	0.339	0.338	0.3	105	0.00
61 T	1,2-Dibromoethane	0.231	0.227	1.7	103	0.00
62 S	4-Bromofluorobenzene	0.378	0.369	2.4	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.516	0.525	-1.7	100	0.00
65 PM	Chlorobenzene	1.087	1.129	-3.9	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.400	-3.1	107	0.00
67 C	Ethyl Benzene	1.760	1.956	-11.1#	109	0.00
68 T	m/p-Xylenes	0.706	0.767	-8.6	106	0.00
69 T	o-Xylene	0.662	0.719	-8.6	107	0.00
70 T	Styrene	1.089	1.177	-8.1	105	0.00
71 P	Bromoform	0.240	0.231	3.7	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.295	3.907	-18.6	109	0.00
74 T	N-amyl acetate	0.592	0.643	-8.6	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.539	0.574	-6.5	107	0.00
76 T	1,2,3-Trichloropropane	0.441	0.456	-3.4	98	0.00
77 T	Bromobenzene	0.876	0.950	-8.4	104	0.00
78 T	n-propylbenzene	3.813	4.543	-19.1	109	0.00
79 T	2-Chlorotoluene	2.233	2.571	-15.1	107	0.00
80 T	1,3,5-Trimethylbenzene	2.663	3.126	-17.4	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.187	-3.9	103	0.00
82 T	4-Chlorotoluene	2.300	2.625	-14.1	107	0.00
83 T	tert-Butylbenzene	2.458	2.852	-16.0	105	0.00
84 T	1,2,4-Trimethylbenzene	2.657	3.093	-16.4	106	0.00
85 T	sec-Butylbenzene	3.527	4.167	-18.1	108	0.00
86 T	p-Isopropyltoluene	3.003	3.528	-17.5	106	0.00
87 T	1,3-Dichlorobenzene	1.706	1.821	-6.7	102	0.00
88 T	1,4-Dichlorobenzene	1.685	1.755	-4.2	100	0.00
89 T	n-Butylbenzene	2.616	3.082	-17.8	107	0.00
90 T	Hexachloroethane	0.646	0.698	-8.0	104	0.00
91 T	1,2-Dichlorobenzene	1.496	1.556	-4.0	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.081	8.0	91	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.921	1.2	93	0.00
94 T	Hexachlorobutadiene	0.581	0.587	-1.0	94	0.01
95 T	Naphthalene	1.485	1.405	5.4	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.753	6.8	88	0.00

(#) = Out of Range

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