

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090925\
 Data File : VY023312.D
 Acq On : 09 Sep 2025 08:48
 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: Sep 10 01:48:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 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	107	0.00
2 T	Dichlorodifluoromethane	0.401	0.371	7.5	109	0.00
3 P	Chloromethane	0.574	0.536	6.6	107	0.00
4 C	Vinyl Chloride	0.723	0.679	6.1#	105	0.01
5 T	Bromomethane	0.590	0.536	9.2	108	0.01
6 T	Chloroethane	0.489	0.456	6.7	104	0.01
7 T	Trichlorofluoromethane	0.913	0.849	7.0	105	0.01
8 T	Diethyl Ether	0.241	0.239	0.8	107	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.467	4.9	106	0.02
10 T	Methyl Iodide	0.573	0.577	-0.7	102	0.02
11 T	Tert butyl alcohol	0.025	0.025	0.0	109	0.00
12 CM	1,1-Dichloroethene	0.472	0.462	2.1#	108	0.01
13 T	Acrolein	0.043	0.037	14.0	99	0.01
14 T	Allyl chloride	0.596	0.600	-0.7	108	0.01
15 T	Acrylonitrile	0.095	0.091	4.2	104	0.01
16 T	Acetone	0.100	0.113	-13.0	121	0.01
17 T	Carbon Disulfide	1.495	1.434	4.1	106	0.01
18 T	Methyl Acetate	0.245	0.233	4.9	107	0.01
19 T	Methyl tert-butyl Ether	1.110	1.115	-0.5	107	0.01
20 T	Methylene Chloride	0.535	0.505	5.6	107	0.02
21 T	trans-1,2-Dichloroethene	0.528	0.519	1.7	107	0.02
22 T	Diisopropyl ether	1.328	1.329	-0.1	105	0.00
23 T	Vinyl Acetate	0.734	0.741	-1.0	105	0.01
24 P	1,1-Dichloroethane	0.869	0.842	3.1	107	0.01
25 T	2-Butanone	0.123	0.130	-5.7	114	0.01
26 T	2,2-Dichloropropane	0.767	0.771	-0.5	110	0.00
27 T	cis-1,2-Dichloroethene	0.597	0.595	0.3	108	0.00
28 T	Bromochloromethane	0.342	0.315	7.9	103	0.00
29 T	Tetrahydrofuran	0.073	0.072	1.4	105	0.00
30 C	Chloroform	0.934	0.902	3.4#	107	0.00
31 T	Cyclohexane	0.769	0.733	4.7	108	0.01
32 T	1,1,1-Trichloroethane	0.834	0.808	3.1	107	0.00
33 S	1,2-Dichloroethane-d4	0.439	0.408	7.1	102	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.01
35 S	Dibromofluoromethane	0.306	0.297	2.9	103	0.01
36 T	1,1-Dichloropropene	0.435	0.430	1.1	105	0.01
37 T	Ethyl Acetate	0.173	0.170	1.7	106	0.00
38 T	Carbon Tetrachloride	0.501	0.492	1.8	106	0.00
39 T	Methylcyclohexane	0.557	0.582	-4.5	108	0.00
40 TM	Benzene	1.353	1.346	0.5	106	0.01
41 T	Methacrylonitrile	0.090	0.091	-1.1	108	0.00
42 TM	1,2-Dichloroethane	0.344	0.334	2.9	105	0.01
43 T	Isopropyl Acetate	0.337	0.334	0.9	104	0.00
44 TM	Trichloroethene	0.377	0.370	1.9	105	0.01
45 C	1,2-Dichloropropane	0.306	0.301	1.6#	106	0.00
46 T	Dibromomethane	0.186	0.181	2.7	104	0.00
47 T	Bromodichloromethane	0.468	0.459	1.9	105	0.00
48 T	Methyl methacrylate	0.157	0.162	-3.2	104	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	105	0.00
50 S	Toluene-d8	1.154	1.141	1.1	104	0.00
51 T	4-Methyl-2-Pentanone	0.172	0.176	-2.3	105	0.00
52 CM	Toluene	0.859	0.885	-3.0#	107	0.00
53 T	t-1,3-Dichloropropene	0.403	0.413	-2.5	106	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.490	-1.7	107	0.00
55 T	1,1,2-Trichloroethane	0.248	0.245	1.2	106	0.00
56 T	Ethyl methacrylate	0.287	0.302	-5.2	105	0.00
57 T	1,3-Dichloropropane	0.402	0.399	0.7	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.133	-6.4	102	0.00
59 T	2-Hexanone	0.119	0.129	-8.4	111	0.00
60 T	Dibromochloromethane	0.336	0.335	0.3	105	0.00
61 T	1,2-Dibromoethane	0.232	0.229	1.3	105	0.01
62 S	4-Bromofluorobenzene	0.363	0.368	-1.4	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.01
64 T	Tetrachloroethene	0.498	0.478	4.0	99	0.01
65 PM	Chlorobenzene	1.095	1.104	-0.8	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.380	1.0	104	0.00
67 C	Ethyl Benzene	1.790	1.876	-4.8#	106	0.00
68 T	m/p-Xylenes	0.717	0.754	-5.2	106	0.00
69 T	o-Xylene	0.663	0.706	-6.5	106	0.00
70 T	Styrene	1.099	1.169	-6.4	104	0.00
71 P	Bromoform	0.229	0.229	0.0	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.368	3.557	-5.6	107	0.00
74 T	N-amyl acetate	0.637	0.659	-3.5	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.565	0.563	0.4	108	0.00
76 T	1,2,3-Trichloropropane	0.506	0.515	-1.8	107	0.00
77 T	Bromobenzene	0.860	0.862	-0.2	105	0.01
78 T	n-propylbenzene	3.970	4.186	-5.4	106	0.00
79 T	2-Chlorotoluene	2.286	2.351	-2.8	106	0.01
80 T	1,3,5-Trimethylbenzene	2.739	2.880	-5.1	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.186	0.185	0.5	107	0.00
82 T	4-Chlorotoluene	2.392	2.444	-2.2	106	0.01
83 T	tert-Butylbenzene	2.481	2.611	-5.2	107	0.00
84 T	1,2,4-Trimethylbenzene	2.710	2.900	-7.0	107	0.00
85 T	sec-Butylbenzene	3.610	3.824	-5.9	107	0.00
86 T	p-Isopropyltoluene	3.049	3.252	-6.7	106	0.00
87 T	1,3-Dichlorobenzene	1.703	1.723	-1.2	106	0.00
88 T	1,4-Dichlorobenzene	1.686	1.671	0.9	105	0.00
89 T	n-Butylbenzene	2.704	2.900	-7.2	106	0.00
90 T	Hexachloroethane	0.661	0.653	1.2	106	0.01
91 T	1,2-Dichlorobenzene	1.485	1.502	-1.1	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.089	0.084	5.6	103	0.00
93 T	1,2,4-Trichlorobenzene	0.866	0.903	-4.3	107	0.00
94 T	Hexachlorobutadiene	0.535	0.546	-2.1	107	0.00
95 T	Naphthalene	1.392	1.486	-6.8	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.752	0.770	-2.4	105	0.00

(#) = Out of Range

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