

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023898.D
 Acq On : 09 Dec 2025 09:31
 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: Dec 10 02:22:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 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	108	0.01
2 T	Dichlorodifluoromethane	0.378	0.369	2.4	94	0.00
3 P	Chloromethane	0.539	0.512	5.0	92	0.00
4 C	Vinyl Chloride	0.615	0.597	2.9#	91	0.00
5 T	Bromomethane	0.444	0.511	-15.1	122	0.00
6 T	Chloroethane	0.417	0.411	1.4	96	0.01
7 T	Trichlorofluoromethane	0.860	0.878	-2.1	100	0.01
8 T	Diethyl Ether	0.258	0.251	2.7	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.516	0.0	100	0.02
10 T	Methyl Iodide	0.513	0.667	-30.0#	111	0.01
11 T	Tert butyl alcohol	0.041	0.027	34.1#	79	0.05
12 CM	1,1-Dichloroethene	0.482	0.497	-3.1#	99	0.01
13 T	Acrolein	0.031	0.021	32.3#	107	0.02
14 T	Allyl chloride	0.770	0.640	16.9	80	0.02
15 T	Acrylonitrile	0.112	0.098	12.5	86	0.01
16 T	Acetone	0.150	0.140	6.7	98	0.02
17 T	Carbon Disulfide	1.423	1.450	-1.9	90	0.02
18 T	Methyl Acetate	0.254	0.218	14.2	85	0.01
19 T	Methyl tert-butyl Ether	1.210	1.225	-1.2	98	0.02
20 T	Methylene Chloride	0.610	0.525	13.9	97	0.01
21 T	trans-1,2-Dichloroethene	0.531	0.552	-4.0	100	0.01
22 T	Diisopropyl ether	1.696	1.455	14.2	83	0.01
23 T	Vinyl Acetate	0.940	0.824	12.3	83	0.01
24 P	1,1-Dichloroethane	0.980	0.885	9.7	90	0.02
25 T	2-Butanone	0.181	0.152	16.0	87	0.02
26 T	2,2-Dichloropropane	0.898	0.834	7.1	96	0.02
27 T	cis-1,2-Dichloroethene	0.617	0.627	-1.6	100	0.01
28 T	Bromochloromethane	0.374	0.308	17.6	75	0.01
29 T	Tetrahydrofuran	0.093	0.078	16.1	80	0.01
30 C	Chloroform	0.990	0.961	2.9#	98	0.01
31 T	Cyclohexane	0.937	0.800	14.6	82	0.01
32 T	1,1,1-Trichloroethane	0.894	0.899	-0.6	100	0.01
33 S	1,2-Dichloroethane-d4	0.500	0.421	15.8	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.01
35 S	Dibromofluoromethane	0.321	0.312	2.8	100	0.01
36 T	1,1-Dichloropropene	0.473	0.491	-3.8	92	0.01
37 T	Ethyl Acetate	0.218	0.199	8.7	82	0.01
38 T	Carbon Tetrachloride	0.522	0.590	-13.0	103	0.01
39 T	Methylcyclohexane	0.616	0.672	-9.1	92	0.01
40 TM	Benzene	1.429	1.480	-3.6	93	0.01
41 T	Methacrylonitrile	0.113	0.097	14.2	76	0.00
42 TM	1,2-Dichloroethane	0.373	0.384	-2.9	95	0.01
43 T	Isopropyl Acetate	0.409	0.379	7.3	84	0.01
44 TM	Trichloroethene	0.368	0.429	-16.6	105	0.01
45 C	1,2-Dichloropropane	0.338	0.329	2.7#	89	0.01
46 T	Dibromomethane	0.183	0.200	-9.3	100	0.01
47 T	Bromodichloromethane	0.483	0.513	-6.2	98	0.00
48 T	Methyl methacrylate	0.191	0.185	3.1	83	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	90	0.02
50 S	Toluene-d8	1.248	1.149	7.9	94	0.00
51 T	4-Methyl-2-Pentanone	0.215	0.205	4.7	83	0.01
52 CM	Toluene	0.895	0.978	-9.3#	97	0.01
53 T	t-1,3-Dichloropropene	0.436	0.464	-6.4	95	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.541	-5.3	94	0.00
55 T	1,1,2-Trichloroethane	0.247	0.272	-10.1	101	0.01
56 T	Ethyl methacrylate	0.316	0.342	-8.2	93	0.01
57 T	1,3-Dichloropropane	0.426	0.443	-4.0	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.136	0.137	-0.7	81	0.00
59 T	2-Hexanone	0.162	0.158	2.5	87	0.00
60 T	Dibromochloromethane	0.332	0.378	-13.9	104	0.00
61 T	1,2-Dibromoethane	0.225	0.255	-13.3	102	0.00
62 S	4-Bromofluorobenzene	0.426	0.384	9.9	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.489	0.595	-21.7	109	0.01
65 PM	Chlorobenzene	1.141	1.268	-11.1	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.389	0.446	-14.7	104	0.00
67 C	Ethyl Benzene	1.973	2.160	-9.5#	95	0.01
68 T	m/p-Xylenes	0.754	0.856	-13.5	99	0.01
69 T	o-Xylene	0.705	0.806	-14.3	99	0.00
70 T	Styrene	1.163	1.302	-12.0	97	0.00
71 P	Bromoform	0.220	0.269	-22.3	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.684	4.164	-13.0	96	0.00
74 T	N-amyl acetate	0.798	0.750	6.0	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.594	0.629	-5.9	96	0.00
76 T	1,2,3-Trichloropropane	0.496	0.507	-2.2	98	0.01
77 T	Bromobenzene	0.856	1.023	-19.5	106	0.01
78 T	n-propylbenzene	4.445	4.773	-7.4	91	0.00
79 T	2-Chlorotoluene	2.525	2.685	-6.3	92	0.00
80 T	1,3,5-Trimethylbenzene	2.993	3.332	-11.3	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.207	0.216	-4.3	90	0.00
82 T	4-Chlorotoluene	2.617	2.785	-6.4	93	0.00
83 T	tert-Butylbenzene	2.699	3.039	-12.6	96	0.00
84 T	1,2,4-Trimethylbenzene	2.965	3.268	-10.2	93	0.00
85 T	sec-Butylbenzene	4.014	4.343	-8.2	92	0.00
86 T	p-Isopropyltoluene	3.324	3.712	-11.7	94	0.00
87 T	1,3-Dichlorobenzene	1.724	1.920	-11.4	100	0.01
88 T	1,4-Dichlorobenzene	1.690	1.888	-11.7	100	0.00
89 T	n-Butylbenzene	3.076	3.201	-4.1	87	0.00
90 T	Hexachloroethane	0.697	0.738	-5.9	95	0.01
91 T	1,2-Dichlorobenzene	1.499	1.666	-11.1	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.095	-2.2	92	0.00
93 T	1,2,4-Trichlorobenzene	0.889	0.972	-9.3	97	0.00
94 T	Hexachlorobutadiene	0.558	0.618	-10.8	99	0.00
95 T	Naphthalene	1.465	1.561	-6.6	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.759	0.808	-6.5	94	0.00

(#) = Out of Range

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