

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023922.D
 Acq On : 09 Dec 2025 20:33
 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 02:35:53 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	84	0.00
2 T	Dichlorodifluoromethane	0.378	0.399	-5.6	79	0.00
3 P	Chloromethane	0.539	0.532	1.3	75	0.00
4 C	Vinyl Chloride	0.615	0.675	-9.8#	80	0.00
5 T	Bromomethane	0.444	0.535	-20.5	99	0.00
6 T	Chloroethane	0.417	0.476	-14.1	87	0.00
7 T	Trichlorofluoromethane	0.860	0.977	-13.6	86	0.00
8 T	Diethyl Ether	0.258	0.280	-8.5	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.560	-8.5	84	0.01
10 T	Methyl Iodide	0.513	0.805	-56.9#	104	0.00
11 T	Tert butyl alcohol	0.041	0.028	31.7#	64	0.02
12 CM	1,1-Dichloroethene	0.482	0.553	-14.7#	86	0.00
13 T	Acrolein	0.031	0.017	45.2#	70	0.01
14 T	Allyl chloride	0.770	0.706	8.3	69	0.00
15 T	Acrylonitrile	0.112	0.104	7.1	71	0.00
16 T	Acetone	0.150	0.112	25.3#	62	0.00
17 T	Carbon Disulfide	1.423	1.594	-12.0	77	0.01
18 T	Methyl Acetate	0.254	0.267	-5.1	81	0.00
19 T	Methyl tert-butyl Ether	1.210	1.354	-11.9	85	0.00
20 T	Methylene Chloride	0.610	0.619	-1.5	89	0.00
21 T	trans-1,2-Dichloroethene	0.531	0.626	-17.9	88	0.00
22 T	Diisopropyl ether	1.696	1.632	3.8	72	0.00
23 T	Vinyl Acetate	0.940	0.855	9.0	67	0.00
24 P	1,1-Dichloroethane	0.980	1.018	-3.9	80	0.00
25 T	2-Butanone	0.181	0.138	23.8	62	0.00
26 T	2,2-Dichloropropane	0.898	0.908	-1.1	81	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.735	-19.1	91	0.00
28 T	Bromochloromethane	0.374	0.351	6.1	67	0.00
29 T	Tetrahydrofuran	0.093	0.081	12.9	64	0.00
30 C	Chloroform	0.990	1.119	-13.0#	89	0.00
31 T	Cyclohexane	0.937	0.868	7.4	69	0.00
32 T	1,1,1-Trichloroethane	0.894	1.018	-13.9	88	0.00
33 S	1,2-Dichloroethane-d4	0.500	0.342	31.6#	59	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.321	0.257	19.9	65	0.00
36 T	1,1-Dichloropropene	0.473	0.539	-14.0	80	0.00
37 T	Ethyl Acetate	0.218	0.201	7.8	66	0.00
38 T	Carbon Tetrachloride	0.522	0.650	-24.5	90	0.00
39 T	Methylcyclohexane	0.616	0.723	-17.4	79	0.00
40 TM	Benzene	1.429	1.687	-18.1	84	0.00
41 T	Methacrylonitrile	0.113	0.107	5.3	67	0.00
42 TM	1,2-Dichloroethane	0.373	0.430	-15.3	84	0.00
43 T	Isopropyl Acetate	0.409	0.393	3.9	69	0.00
44 TM	Trichloroethene	0.368	0.490	-33.2#	95	0.00
45 C	1,2-Dichloropropane	0.338	0.372	-10.1#	80	0.00
46 T	Dibromomethane	0.183	0.222	-21.3	88	0.00
47 T	Bromodichloromethane	0.483	0.584	-20.9	88	0.00
48 T	Methyl methacrylate	0.191	0.186	2.6	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	81	0.00
50 S	Toluene-d8	1.248	0.956	23.4	62	0.00
51 T	4-Methyl-2-Pentanone	0.215	0.206	4.2	66	0.00
52 CM	Toluene	0.895	1.127	-25.9#	88	0.00
53 T	t-1,3-Dichloropropene	0.436	0.505	-15.8	82	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.606	-17.9	83	0.00
55 T	1,1,2-Trichloroethane	0.247	0.303	-22.7	89	0.00
56 T	Ethyl methacrylate	0.316	0.364	-15.2	78	0.00
57 T	1,3-Dichloropropane	0.426	0.495	-16.2	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.136	0.160	-17.6	75	0.00
59 T	2-Hexanone	0.162	0.143	11.7	62	0.00
60 T	Dibromochloromethane	0.332	0.430	-29.5#	94	0.00
61 T	1,2-Dibromoethane	0.225	0.283	-25.8#	89	0.00
62 S	4-Bromofluorobenzene	0.426	0.315	26.1#	62	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.489	0.687	-40.5#	101	0.00
65 PM	Chlorobenzene	1.141	1.421	-24.5	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.389	0.506	-30.1#	96	0.00
67 C	Ethyl Benzene	1.973	2.408	-22.0#	86	0.00
68 T	m/p-Xylenes	0.754	0.963	-27.7#	90	0.00
69 T	o-Xylene	0.705	0.902	-27.9#	89	0.00
70 T	Styrene	1.163	1.461	-25.6#	88	0.00
71 P	Bromoform	0.220	0.287	-30.5#	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73 T	Isopropylbenzene	3.684	4.589	-24.6	87	0.00
74 T	N-amyl acetate	0.798	0.729	8.6	62	0.00
75 P	1,1,2,2-Tetrachloroethane	0.594	0.631	-6.2	78	0.00
76 T	1,2,3-Trichloropropane	0.496	0.546	-10.1	86	0.00
77 T	Bromobenzene	0.856	1.144	-33.6#	97	0.00
78 T	n-propylbenzene	4.445	5.248	-18.1	82	0.00
79 T	2-Chlorotoluene	2.525	3.017	-19.5	85	0.00
80 T	1,3,5-Trimethylbenzene	2.993	3.685	-23.1	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.207	0.211	-1.9	72	0.00
82 T	4-Chlorotoluene	2.617	3.039	-16.1	83	0.00
83 T	tert-Butylbenzene	2.699	3.423	-26.8#	89	0.00
84 T	1,2,4-Trimethylbenzene	2.965	3.626	-22.3	85	0.00
85 T	sec-Butylbenzene	4.014	4.803	-19.7	83	0.00
86 T	p-Isopropyltoluene	3.324	4.049	-21.8	84	0.00
87 T	1,3-Dichlorobenzene	1.724	2.132	-23.7	91	0.00
88 T	1,4-Dichlorobenzene	1.690	2.044	-20.9	89	0.00
89 T	n-Butylbenzene	3.076	3.464	-12.6	77	0.00
90 T	Hexachloroethane	0.697	0.812	-16.5	86	0.00
91 T	1,2-Dichlorobenzene	1.499	1.824	-21.7	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.092	1.1	73	0.00
93 T	1,2,4-Trichlorobenzene	0.889	0.996	-12.0	82	0.00
94 T	Hexachlorobutadiene	0.558	0.648	-16.1	85	0.00
95 T	Naphthalene	1.465	1.546	-5.5	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.759	0.820	-8.0	78	0.00

(#) = Out of Range

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