

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023863.D
 Acq On : 02 Dec 2025 17:20
 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 03 01:05:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 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	80	0.00
2 T	Dichlorodifluoromethane	0.377	0.333	11.7	79	0.00
3 P	Chloromethane	0.576	0.470	18.4	71	0.00
4 C	Vinyl Chloride	0.624	0.558	10.6#	74	0.00
5 T	Bromomethane	0.440	0.391	11.1	81	0.00
6 T	Chloroethane	0.406	0.390	3.9	79	0.00
7 T	Trichlorofluoromethane	0.843	0.825	2.1	81	0.00
8 T	Diethyl Ether	0.266	0.266	0.0	82	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.492	0.499	-1.4	85	0.00
10 T	Methyl Iodide	0.539	0.478	11.3	66	0.00
11 T	Tert butyl alcohol	0.040	0.034	15.0	80	0.01
12 CM	1,1-Dichloroethene	0.484	0.467	3.5#	79	0.00
13 T	Acrolein	0.057	0.044	22.8	63	0.00
14 T	Allyl chloride	0.767	0.783	-2.1	82	0.01
15 T	Acrylonitrile	0.115	0.122	-6.1	85	0.00
16 T	Acetone	0.140	0.160	-14.3	95	0.00
17 T	Carbon Disulfide	1.562	1.276	18.3	67	0.00
18 T	Methyl Acetate	0.271	0.300	-10.7	93	0.00
19 T	Methyl tert-butyl Ether	1.237	1.308	-5.7	84	0.00
20 T	Methylene Chloride	0.593	0.551	7.1	83	0.00
21 T	trans-1,2-Dichloroethene	0.536	0.522	2.6	79	0.01
22 T	Diisopropyl ether	1.658	1.855	-11.9	88	0.00
23 T	Vinyl Acetate	0.922	1.007	-9.2	84	0.00
24 P	1,1-Dichloroethane	0.976	1.016	-4.1	85	0.00
25 T	2-Butanone	0.171	0.186	-8.8	88	0.00
26 T	2,2-Dichloropropane	0.865	0.868	-0.3	83	0.01
27 T	cis-1,2-Dichloroethene	0.622	0.644	-3.5	85	0.00
28 T	Bromochloromethane	0.406	0.356	12.3	72	0.00
29 T	Tetrahydrofuran	0.095	0.100	-5.3	82	0.00
30 C	Chloroform	0.981	1.038	-5.8#	87	0.00
31 T	Cyclohexane	0.936	0.874	6.6	78	0.00
32 T	1,1,1-Trichloroethane	0.871	0.902	-3.6	85	0.00
33 S	1,2-Dichloroethane-d4	0.487	0.500	-2.7	81	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.296	0.307	-3.7	81	0.00
36 T	1,1-Dichloropropene	0.454	0.470	-3.5	83	0.00
37 T	Ethyl Acetate	0.214	0.230	-7.5	85	0.00
38 T	Carbon Tetrachloride	0.498	0.520	-4.4	84	0.00
39 T	Methylcyclohexane	0.600	0.589	1.8	78	0.00
40 TM	Benzene	1.398	1.446	-3.4	83	0.00
41 T	Methacrylonitrile	0.107	0.130	-21.5	100	0.02
42 TM	1,2-Dichloroethane	0.360	0.394	-9.4	87	0.00
43 T	Isopropyl Acetate	0.399	0.436	-9.3	85	0.00
44 TM	Trichloroethene	0.359	0.383	-6.7	86	0.00
45 C	1,2-Dichloropropane	0.330	0.359	-8.8#	87	0.00
46 T	Dibromomethane	0.179	0.192	-7.3	86	0.00
47 T	Bromodichloromethane	0.467	0.512	-9.6	88	0.00
48 T	Methyl methacrylate	0.188	0.212	-12.8	85	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	1.176	1.209	-2.8	79	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.237	-12.9	86	0.00
52 CM	Toluene	0.866	0.925	-6.8#	82	0.00
53 T	t-1,3-Dichloropropene	0.428	0.466	-8.9	85	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.551	-7.6	85	0.00
55 T	1,1,2-Trichloroethane	0.240	0.262	-9.2	86	0.00
56 T	Ethyl methacrylate	0.314	0.347	-10.5	82	0.00
57 T	1,3-Dichloropropane	0.418	0.456	-9.1	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.165	-9.3	83	0.00
59 T	2-Hexanone	0.155	0.177	-14.2	87	0.00
60 T	Dibromochloromethane	0.321	0.354	-10.3	87	0.00
61 T	1,2-Dibromoethane	0.222	0.240	-8.1	86	0.00
62 S	4-Bromofluorobenzene	0.387	0.410	-5.9	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.474	0.539	-13.7	93	0.00
65 PM	Chlorobenzene	1.098	1.140	-3.8	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.401	-7.5	88	0.00
67 C	Ethyl Benzene	1.875	2.006	-7.0#	85	0.00
68 T	m/p-Xylenes	0.722	0.773	-7.1	84	0.00
69 T	o-Xylene	0.677	0.731	-8.0	86	0.00
70 T	Styrene	1.116	1.229	-10.1	86	0.00
71 P	Bromoform	0.217	0.232	-6.9	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.549	3.595	-1.3	85	0.00
74 T	N-amyl acetate	0.793	0.797	-0.5	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.584	0.544	6.8	80	0.00
76 T	1,2,3-Trichloropropane	0.435	0.404	7.1	78	0.00
77 T	Bromobenzene	0.835	0.832	0.4	86	0.00
78 T	n-propylbenzene	4.272	4.336	-1.5	85	0.00
79 T	2-Chlorotoluene	2.459	2.453	0.2	85	0.00
80 T	1,3,5-Trimethylbenzene	2.897	2.942	-1.6	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.203	1.5	83	0.00
82 T	4-Chlorotoluene	2.525	2.506	0.8	83	0.00
83 T	tert-Butylbenzene	2.602	2.669	-2.6	86	0.00
84 T	1,2,4-Trimethylbenzene	2.895	2.922	-0.9	84	0.00
85 T	sec-Butylbenzene	3.842	3.924	-2.1	85	0.00
86 T	p-Isopropyltoluene	3.211	3.276	-2.0	84	0.00
87 T	1,3-Dichlorobenzene	1.673	1.645	1.7	85	0.00
88 T	1,4-Dichlorobenzene	1.670	1.623	2.8	85	0.00
89 T	n-Butylbenzene	2.944	2.995	-1.7	83	0.00
90 T	Hexachloroethane	0.675	0.666	1.3	86	0.00
91 T	1,2-Dichlorobenzene	1.463	1.472	-0.6	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.090	8.2	81	0.00
93 T	1,2,4-Trichlorobenzene	0.872	0.851	2.4	83	0.00
94 T	Hexachlorobutadiene	0.543	0.520	4.2	84	0.00
95 T	Naphthalene	1.471	1.446	1.7	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.723	2.7	83	0.00

(#) = Out of Range

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