

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023847.D
 Acq On : 01 Dec 2025 17:47
 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 02 03:19:55 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	79	0.00
2 T	Dichlorodifluoromethane	0.377	0.293	22.3	68	0.00
3 P	Chloromethane	0.576	0.471	18.2	70	0.00
4 C	Vinyl Chloride	0.624	0.527	15.5#	69	0.00
5 T	Bromomethane	0.440	0.384	12.7	78	0.00
6 T	Chloroethane	0.406	0.374	7.9	74	0.00
7 T	Trichlorofluoromethane	0.843	0.728	13.6	70	0.00
8 T	Diethyl Ether	0.266	0.241	9.4	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.492	0.445	9.6	74	0.00
10 T	Methyl Iodide	0.539	0.456	15.4	62	0.00
11 T	Tert butyl alcohol	0.040	0.026	35.0#	60	0.00
12 CM	1,1-Dichloroethene	0.484	0.432	10.7#	72	0.00
13 T	Acrolein	0.057	0.048	15.8	67	0.00
14 T	Allyl chloride	0.767	0.735	4.2	75	0.00
15 T	Acrylonitrile	0.115	0.105	8.7	71	0.00
16 T	Acetone	0.140	0.104	25.7#	60	0.00
17 T	Carbon Disulfide	1.562	1.186	24.1	61	0.00
18 T	Methyl Acetate	0.271	0.269	0.7	82	0.00
19 T	Methyl tert-butyl Ether	1.237	1.152	6.9	73	0.00
20 T	Methylene Chloride	0.593	0.514	13.3	76	0.00
21 T	trans-1,2-Dichloroethene	0.536	0.492	8.2	73	0.00
22 T	Diisopropyl ether	1.658	1.723	-3.9	80	0.00
23 T	Vinyl Acetate	0.922	0.862	6.5	71	0.00
24 P	1,1-Dichloroethane	0.976	0.968	0.8	80	0.00
25 T	2-Butanone	0.171	0.137	19.9	64	0.00
26 T	2,2-Dichloropropane	0.865	0.729	15.7	68	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.604	2.9	78	0.00
28 T	Bromochloromethane	0.406	0.399	1.7	78	0.00
29 T	Tetrahydrofuran	0.095	0.086	9.5	69	0.00
30 C	Chloroform	0.981	0.987	-0.6#	81	0.00
31 T	Cyclohexane	0.936	0.782	16.5	69	0.00
32 T	1,1,1-Trichloroethane	0.871	0.843	3.2	78	0.00
33 S	1,2-Dichloroethane-d4	0.487	0.469	3.7	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.296	0.285	3.7	76	0.00
36 T	1,1-Dichloropropene	0.454	0.407	10.4	73	0.00
37 T	Ethyl Acetate	0.214	0.185	13.6	69	0.00
38 T	Carbon Tetrachloride	0.498	0.454	8.8	75	0.00
39 T	Methylcyclohexane	0.600	0.507	15.5	68	0.00
40 TM	Benzene	1.398	1.319	5.7	78	0.00
41 T	Methacrylonitrile	0.107	0.099	7.5	77	0.00
42 TM	1,2-Dichloroethane	0.360	0.342	5.0	78	0.00
43 T	Isopropyl Acetate	0.399	0.358	10.3	72	0.00
44 TM	Trichloroethene	0.359	0.341	5.0	78	0.00
45 C	1,2-Dichloropropane	0.330	0.324	1.8#	80	0.00
46 T	Dibromomethane	0.179	0.167	6.7	76	0.00
47 T	Bromodichloromethane	0.467	0.459	1.7	81	0.00
48 T	Methyl methacrylate	0.188	0.168	10.6	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	68	0.00
50 S	Toluene-d8	1.176	1.137	3.3	76	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.189	10.0	70	0.00
52 CM	Toluene	0.866	0.835	3.6#	76	0.00
53 T	t-1,3-Dichloropropene	0.428	0.396	7.5	74	0.00
54 T	cis-1,3-Dichloropropene	0.512	0.479	6.4	76	0.00
55 T	1,1,2-Trichloroethane	0.240	0.229	4.6	77	0.00
56 T	Ethyl methacrylate	0.314	0.290	7.6	71	0.00
57 T	1,3-Dichloropropane	0.418	0.400	4.3	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.144	4.6	75	0.00
59 T	2-Hexanone	0.155	0.127	18.1	64	0.00
60 T	Dibromochloromethane	0.321	0.309	3.7	78	0.00
61 T	1,2-Dibromoethane	0.222	0.205	7.7	76	0.00
62 S	4-Bromofluorobenzene	0.387	0.376	2.8	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.474	0.490	-3.4	86	0.00
65 PM	Chlorobenzene	1.098	1.020	7.1	77	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.354	5.1	79	0.00
67 C	Ethyl Benzene	1.875	1.778	5.2#	77	0.00
68 T	m/p-Xylenes	0.722	0.690	4.4	77	0.00
69 T	o-Xylene	0.677	0.647	4.4	78	0.00
70 T	Styrene	1.116	1.082	3.0	77	0.00
71 P	Bromoform	0.217	0.195	10.1	75	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.549	3.333	6.1	77	0.00
74 T	N-amyl acetate	0.793	0.667	15.9	67	0.00
75 P	1,1,2,2-Tetrachloroethane	0.584	0.455	22.1	66	0.00
76 T	1,2,3-Trichloropropane	0.435	0.412	5.3	77	0.00
77 T	Bromobenzene	0.835	0.756	9.5	76	0.00
78 T	n-propylbenzene	4.272	3.980	6.8	76	0.00
79 T	2-Chlorotoluene	2.459	2.281	7.2	77	0.00
80 T	1,3,5-Trimethylbenzene	2.897	2.722	6.0	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.171	17.0	68	0.00
82 T	4-Chlorotoluene	2.525	2.348	7.0	76	0.00
83 T	tert-Butylbenzene	2.602	2.403	7.6	76	0.00
84 T	1,2,4-Trimethylbenzene	2.895	2.718	6.1	76	0.00
85 T	sec-Butylbenzene	3.842	3.599	6.3	76	0.00
86 T	p-Isopropyltoluene	3.211	2.978	7.3	75	0.00
87 T	1,3-Dichlorobenzene	1.673	1.515	9.4	76	0.00
88 T	1,4-Dichlorobenzene	1.670	1.480	11.4	75	0.00
89 T	n-Butylbenzene	2.944	2.655	9.8	72	0.00
90 T	Hexachloroethane	0.675	0.625	7.4	79	0.00
91 T	1,2-Dichlorobenzene	1.463	1.334	8.8	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.077	21.4	68	0.00
93 T	1,2,4-Trichlorobenzene	0.872	0.728	16.5	69	0.00
94 T	Hexachlorobutadiene	0.543	0.462	14.9	73	0.00
95 T	Naphthalene	1.471	1.217	17.3	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.630	15.2	71	0.00

(#) = Out of Range

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