

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111225\  
 Data File : VW032444.D  
 Acq On : 12 Nov 2025 17:04  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC050

Quant Time: Nov 14 05:20:55 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W111025S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 11 03:48:21 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	78	0.00
2 T	Dichlorodifluoromethane	0.254	0.266	-4.7	83	0.00
3 P	Chloromethane	0.435	0.469	-7.8	90	0.00
4 C	Vinyl Chloride	0.549	0.556	-1.3#	80	0.00
5 T	Bromomethane	0.367	0.384	-4.6	84	0.00
6 T	Chloroethane	0.359	0.381	-6.1	83	0.00
7 T	Trichlorofluoromethane	0.430	0.432	-0.5	73	0.00
8 T	Diethyl Ether	0.352	0.371	-5.4	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.469	0.494	-5.3	82	0.00
10 T	Methyl Iodide	0.755	0.759	-0.5	79	0.00
11 T	Tert butyl alcohol	0.056	0.057	-1.8	83	0.00
12 CM	1,1-Dichloroethene	0.537	0.551	-2.6#	79	0.00
13 T	Acrolein	0.094	0.082	12.8	71	0.00
14 T	Allyl chloride	1.034	1.092	-5.6	82	0.00
15 T	Acrylonitrile	0.203	0.225	-10.8	86	0.00
16 T	Acetone	0.193	0.204	-5.7	85	0.00
17 T	Carbon Disulfide	1.588	1.648	-3.8	80	0.00
18 T	Methyl Acetate	0.478	0.521	-9.0	88	0.00
19 T	Methyl tert-butyl Ether	1.133	1.174	-3.6	80	0.00
20 T	Methylene Chloride	0.690	0.712	-3.2	87	0.00
21 T	trans-1,2-Dichloroethene	0.615	0.666	-8.3	86	0.00
22 T	Diisopropyl ether	2.104	2.313	-9.9	86	0.00
23 T	Vinyl Acetate	1.442	1.608	-11.5	86	0.00
24 P	1,1-Dichloroethane	1.153	1.281	-11.1	87	0.00
25 T	2-Butanone	0.284	0.308	-8.5	86	0.00
26 T	2,2-Dichloropropane	0.643	0.642	0.2	81	0.00
27 T	cis-1,2-Dichloroethene	0.734	0.783	-6.7	84	0.00
28 T	Bromochloromethane	0.545	0.598	-9.7	93	0.00
29 T	Tetrahydrofuran	0.180	0.204	-13.3	87	0.00
30 C	Chloroform	1.129	1.262	-11.8#	89	0.00
31 T	Cyclohexane	1.066	1.075	-0.8	81	0.00
32 T	1,1,1-Trichloroethane	0.806	0.859	-6.6	82	0.00
33 S	1,2-Dichloroethane-d4	0.645	0.704	-9.1	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.299	0.322	-7.7	90	0.00
36 T	1,1-Dichloropropene	0.441	0.491	-11.3	86	0.00
37 T	Ethyl Acetate	0.328	0.368	-12.2	87	0.00
38 T	Carbon Tetrachloride	0.392	0.417	-6.4	84	0.00
39 T	Methylcyclohexane	0.571	0.614	-7.5	82	0.00
40 TM	Benzene	1.420	1.565	-10.2	87	0.00
41 T	Methacrylonitrile	0.180	0.195	-8.3	83	0.00
42 TM	1,2-Dichloroethane	0.417	0.472	-13.2	90	0.00
43 T	Isopropyl Acetate	0.581	0.635	-9.3	84	0.00
44 TM	Trichloroethene	0.331	0.361	-9.1	86	0.00
45 C	1,2-Dichloropropane	0.354	0.398	-12.4#	90	0.00
46 T	Dibromomethane	0.207	0.232	-12.1	88	0.00
47 T	Bromodichloromethane	0.471	0.514	-9.1	85	0.00
48 T	Methyl methacrylate	0.276	0.301	-9.1	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	86	0.00
50 S	Toluene-d8	1.148	1.232	-7.3	87	0.00
51 T	4-Methyl-2-Pentanone	0.321	0.371	-15.6	88	0.00
52 CM	Toluene	0.877	0.976	-11.3#	87	0.00
53 T	t-1,3-Dichloropropene	0.486	0.532	-9.5	84	0.00
54 T	cis-1,3-Dichloropropene	0.562	0.617	-9.8	85	0.00
55 T	1,1,2-Trichloroethane	0.284	0.310	-9.2	85	0.00
56 T	Ethyl methacrylate	0.435	0.490	-12.6	86	0.00
57 T	1,3-Dichloropropane	0.506	0.564	-11.5	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.256	-10.3	91	0.00
59 T	2-Hexanone	0.235	0.265	-12.8	87	0.00
60 T	Dibromochloromethane	0.317	0.345	-8.8	86	0.00
61 T	1,2-Dibromoethane	0.276	0.306	-10.9	87	0.00
62 S	4-Bromofluorobenzene	0.434	0.461	-6.2	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.296	0.309	-4.4	88	0.00
65 PM	Chlorobenzene	1.078	1.142	-5.9	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.334	0.347	-3.9	87	0.00
67 C	Ethyl Benzene	1.865	1.905	-2.1#	84	0.00
68 T	m/p-Xylenes	0.700	0.741	-5.9	86	0.00
69 T	o-Xylene	0.670	0.721	-7.6	90	0.00
70 T	Styrene	1.153	1.233	-6.9	87	0.00
71 P	Bromoform	0.198	0.194	2.0	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.672	3.803	-3.6	85	0.00
74 T	N-amyl acetate	1.276	1.367	-7.1	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.871	0.929	-6.7	89	0.00
76 T	1,2,3-Trichloropropane	0.686	0.679	1.0	90	0.00
77 T	Bromobenzene	0.869	0.907	-4.4	85	0.00
78 T	n-propylbenzene	4.472	4.812	-7.6	88	0.00
79 T	2-Chlorotoluene	2.730	2.898	-6.2	89	0.00
80 T	1,3,5-Trimethylbenzene	3.030	3.286	-8.4	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.316	-5.7	85	0.00
82 T	4-Chlorotoluene	2.839	3.024	-6.5	89	0.00
83 T	tert-Butylbenzene	2.635	2.714	-3.0	83	0.00
84 T	1,2,4-Trimethylbenzene	3.081	3.243	-5.3	87	0.00
85 T	sec-Butylbenzene	3.925	4.138	-5.4	87	0.00
86 T	p-Isopropyltoluene	3.241	3.366	-3.9	87	0.00
87 T	1,3-Dichlorobenzene	1.648	1.772	-7.5	91	0.00
88 T	1,4-Dichlorobenzene	1.689	1.716	-1.6	86	0.00
89 T	n-Butylbenzene	3.166	3.320	-4.9	87	0.00
90 T	Hexachloroethane	0.584	0.596	-2.1	85	0.00
91 T	1,2-Dichlorobenzene	1.513	1.623	-7.3	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.150	0.153	-2.0	85	0.00
93 T	1,2,4-Trichlorobenzene	0.963	0.980	-1.8	84	0.00
94 T	Hexachlorobutadiene	0.400	0.425	-6.2	89	0.00
95 T	Naphthalene	2.401	2.590	-7.9	88	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.874	0.918	-5.0	90	0.00

(#) = Out of Range                      SPCC's out = 0    CCC's out = 6