

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW111725\  
 Data File : VW032466.D  
 Acq On : 17 Nov 2025 18:13  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleID :  
 VSTDCCC050

Quant Time: Nov 18 03:08:20 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	79	0.00
2 T	Dichlorodifluoromethane	0.254	0.234	7.9	74	0.00
3 P	Chloromethane	0.435	0.427	1.8	82	0.00
4 C	Vinyl Chloride	0.549	0.550	-0.2#	81	0.00
5 T	Bromomethane	0.367	0.376	-2.5	83	0.00
6 T	Chloroethane	0.359	0.370	-3.1	82	0.00
7 T	Trichlorofluoromethane	0.430	0.428	0.5	74	0.00
8 T	Diethyl Ether	0.352	0.369	-4.8	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.469	0.477	-1.7	81	0.00
10 T	Methyl Iodide	0.755	0.790	-4.6	84	0.00
11 T	Tert butyl alcohol	0.056	0.052	7.1	76	0.00
12 CM	1,1-Dichloroethene	0.537	0.544	-1.3#	79	0.00
13 T	Acrolein	0.094	0.059	37.2#	52	0.00
14 T	Allyl chloride	1.034	1.090	-5.4	83	0.00
15 T	Acrylonitrile	0.203	0.209	-3.0	81	0.00
16 T	Acetone	0.193	0.163	15.5	69	0.00
17 T	Carbon Disulfide	1.588	1.593	-0.3	78	0.00
18 T	Methyl Acetate	0.478	0.599	-25.3#	102	0.00
19 T	Methyl tert-butyl Ether	1.133	1.212	-7.0	84	0.01
20 T	Methylene Chloride	0.690	0.741	-7.4	91	0.00
21 T	trans-1,2-Dichloroethene	0.615	0.651	-5.9	85	0.00
22 T	Diisopropyl ether	2.104	2.323	-10.4	88	0.00
23 T	Vinyl Acetate	1.442	1.446	-0.3	78	0.00
24 P	1,1-Dichloroethane	1.153	1.277	-10.8	88	0.00
25 T	2-Butanone	0.284	0.271	4.6	76	0.00
26 T	2,2-Dichloropropane	0.643	0.635	1.2	81	0.00
27 T	cis-1,2-Dichloroethene	0.734	0.782	-6.5	85	0.00
28 T	Bromochloromethane	0.545	0.574	-5.3	90	0.00
29 T	Tetrahydrofuran	0.180	0.185	-2.8	81	0.00
30 C	Chloroform	1.129	1.247	-10.5#	89	0.00
31 T	Cyclohexane	1.066	1.065	0.1	82	0.00
32 T	1,1,1-Trichloroethane	0.806	0.857	-6.3	83	0.00
33 S	1,2-Dichloroethane-d4	0.645	0.679	-5.3	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.299	0.294	1.7	89	0.00
36 T	1,1-Dichloropropene	0.441	0.449	-1.8	86	0.00
37 T	Ethyl Acetate	0.328	0.309	5.8	80	0.00
38 T	Carbon Tetrachloride	0.392	0.390	0.5	85	0.00
39 T	Methylcyclohexane	0.571	0.570	0.2	83	0.00
40 TM	Benzene	1.420	1.454	-2.4	88	0.00
41 T	Methacrylonitrile	0.180	0.194	-7.8	90	0.00
42 TM	1,2-Dichloroethane	0.417	0.431	-3.4	89	0.00
43 T	Isopropyl Acetate	0.581	0.563	3.1	81	0.00
44 TM	Trichloroethene	0.331	0.333	-0.6	86	0.00
45 C	1,2-Dichloropropane	0.354	0.368	-4.0#	90	0.00
46 T	Dibromomethane	0.207	0.214	-3.4	88	0.00
47 T	Bromodichloromethane	0.471	0.484	-2.8	87	0.00
48 T	Methyl methacrylate	0.276	0.266	3.6	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	80	0.00
50 S	Toluene-d8	1.148	1.139	0.8	87	0.00
51 T	4-Methyl-2-Pentanone	0.321	0.319	0.6	82	0.00
52 CM	Toluene	0.877	0.900	-2.6#	87	0.00
53 T	t-1,3-Dichloropropene	0.486	0.489	-0.6	84	0.00
54 T	cis-1,3-Dichloropropene	0.562	0.571	-1.6	86	0.00
55 T	1,1,2-Trichloroethane	0.284	0.290	-2.1	86	0.00
56 T	Ethyl methacrylate	0.435	0.440	-1.1	83	0.00
57 T	1,3-Dichloropropane	0.506	0.518	-2.4	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.226	2.6	87	0.00
59 T	2-Hexanone	0.235	0.218	7.2	78	0.00
60 T	Dibromochloromethane	0.317	0.314	0.9	85	0.00
61 T	1,2-Dibromoethane	0.276	0.279	-1.1	86	0.00
62 S	4-Bromofluorobenzene	0.434	0.440	-1.4	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.296	0.312	-5.4	93	0.00
65 PM	Chlorobenzene	1.078	1.093	-1.4	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.334	0.338	-1.2	89	0.00
67 C	Ethyl Benzene	1.865	1.861	0.2#	85	0.00
68 T	m/p-Xylenes	0.700	0.707	-1.0	86	0.00
69 T	o-Xylene	0.670	0.704	-5.1	92	0.00
70 T	Styrene	1.153	1.188	-3.0	88	0.00
71 P	Bromoform	0.198	0.184	7.1	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.672	3.724	-1.4	85	0.00
74 T	N-amyl acetate	1.276	1.242	2.7	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.871	0.839	3.7	82	0.00
76 T	1,2,3-Trichloropropane	0.686	0.617	10.1	84	0.00
77 T	Bromobenzene	0.869	0.866	0.3	84	0.00
78 T	n-propylbenzene	4.472	4.633	-3.6	88	0.00
79 T	2-Chlorotoluene	2.730	2.823	-3.4	89	0.00
80 T	1,3,5-Trimethylbenzene	3.030	3.101	-2.3	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.280	6.4	78	0.00
82 T	4-Chlorotoluene	2.839	2.926	-3.1	89	0.00
83 T	tert-Butylbenzene	2.635	2.681	-1.7	85	0.00
84 T	1,2,4-Trimethylbenzene	3.081	3.140	-1.9	87	0.00
85 T	sec-Butylbenzene	3.925	3.995	-1.8	87	0.00
86 T	p-Isopropyltoluene	3.241	3.326	-2.6	88	0.00
87 T	1,3-Dichlorobenzene	1.648	1.694	-2.8	90	0.00
88 T	1,4-Dichlorobenzene	1.689	1.685	0.2	86	0.00
89 T	n-Butylbenzene	3.166	3.277	-3.5	88	0.00
90 T	Hexachloroethane	0.584	0.565	3.3	82	0.00
91 T	1,2-Dichlorobenzene	1.513	1.564	-3.4	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.150	0.142	5.3	81	0.00
93 T	1,2,4-Trichlorobenzene	0.963	0.976	-1.3	86	0.00
94 T	Hexachlorobutadiene	0.400	0.422	-5.5	91	0.00
95 T	Naphthalene	2.401	2.412	-0.5	85	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.874	0.897	-2.6	91	0.00

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