

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
 Data File : VW032376.D
 Acq On : 07 Oct 2025 14:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 08 03:20:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 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	105	0.00
2 T	Dichlorodifluoromethane	0.314	0.324	-3.2	129	0.00
3 P	Chloromethane	0.484	0.426	12.0	107	0.00
4 C	Vinyl Chloride	0.578	0.560	3.1#	111	0.00
5 T	Bromomethane	0.425	0.396	6.8	109	0.00
6 T	Chloroethane	0.382	0.369	3.4	109	0.00
7 T	Trichlorofluoromethane	0.433	0.393	9.2	99	0.00
8 T	Diethyl Ether	0.375	0.363	3.2	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.519	0.499	3.9	113	0.00
10 T	Methyl Iodide	0.741	0.750	-1.2	114	-0.01
11 T	Tert butyl alcohol	0.055	0.044	20.0	95	0.00
12 CM	1,1-Dichloroethene	0.564	0.564	0.0	114	0.00
13 T	Acrolein	0.090	0.048	46.7#	63	0.00
14 T	Allyl chloride	0.952	0.910	4.4	105	0.00
15 T	Acrylonitrile	0.195	0.176	9.7	99	0.00
16 T	Acetone	0.202	0.142	29.7#	82	0.00
17 T	Carbon Disulfide	1.538	1.474	4.2	107	0.00
18 T	Methyl Acetate	0.578	0.504	12.8	85	0.00
19 T	Methyl tert-butyl Ether	1.110	1.094	1.4	107	0.00
20 T	Methylene Chloride	0.838	0.711	15.2	118	-0.01
21 T	trans-1,2-Dichloroethene	0.624	0.613	1.8	109	0.00
22 T	Diisopropyl ether	1.979	1.925	2.7	107	0.00
23 T	Vinyl Acetate	1.322	1.284	2.9	107	0.00
24 P	1,1-Dichloroethane	1.203	1.175	2.3	109	0.00
25 T	2-Butanone	0.275	0.226	17.8	91	0.00
26 T	2,2-Dichloropropane	0.615	0.598	2.8	109	0.00
27 T	cis-1,2-Dichloroethene	0.749	0.745	0.5	109	0.00
28 T	Bromochloromethane	0.566	0.538	4.9	103	0.00
29 T	Tetrahydrofuran	0.173	0.154	11.0	94	0.00
30 C	Chloroform	1.220	1.216	0.3#	111	0.00
31 T	Cyclohexane	1.027	0.941	8.4	109	0.00
32 T	1,1,1-Trichloroethane	0.864	0.866	-0.2	111	0.00
33 S	1,2-Dichloroethane-d4	0.729	0.729	0.0	110	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.324	0.326	-0.6	110	0.00
36 T	1,1-Dichloropropene	0.457	0.462	-1.1	109	0.00
37 T	Ethyl Acetate	0.304	0.270	11.2	96	0.00
38 T	Carbon Tetrachloride	0.430	0.440	-2.3	113	0.00
39 T	Methylcyclohexane	0.551	0.571	-3.6	113	0.00
40 TM	Benzene	1.432	1.439	-0.5	110	0.00
41 T	Methacrylonitrile	0.164	0.167	-1.8	105	0.00
42 TM	1,2-Dichloroethane	0.469	0.464	1.1	108	0.00
43 T	Isopropyl Acetate	0.540	0.511	5.4	101	0.00
44 TM	Trichloroethene	0.335	0.340	-1.5	113	0.00
45 C	1,2-Dichloropropane	0.358	0.353	1.4#	107	0.00
46 T	Dibromomethane	0.220	0.216	1.8	106	0.00
47 T	Bromodichloromethane	0.503	0.516	-2.6	111	0.00
48 T	Methyl methacrylate	0.262	0.248	5.3	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	93	0.00
50 S	Toluene-d8	1.195	1.260	-5.4	109	0.00
51 T	4-Methyl-2-Pentanone	0.313	0.287	8.3	95	0.00
52 CM	Toluene	0.892	0.914	-2.5#	110	0.00
53 T	t-1,3-Dichloropropene	0.488	0.491	-0.6	106	0.00
54 T	cis-1,3-Dichloropropene	0.562	0.575	-2.3	109	0.00
55 T	1,1,2-Trichloroethane	0.294	0.290	1.4	107	0.00
56 T	Ethyl methacrylate	0.411	0.413	-0.5	104	0.00
57 T	1,3-Dichloropropane	0.519	0.514	1.0	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.219	0.230	-5.0	99	0.00
59 T	2-Hexanone	0.220	0.197	10.5	93	0.00
60 T	Dibromochloromethane	0.334	0.333	0.3	105	0.00
61 T	1,2-Dibromoethane	0.287	0.281	2.1	104	0.00
62 S	4-Bromofluorobenzene	0.452	0.475	-5.1	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.299	0.284	5.0	107	0.00
65 PM	Chlorobenzene	1.100	1.048	4.7	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.343	0.0	114	0.00
67 C	Ethyl Benzene	1.834	1.884	-2.7#	114	0.00
68 T	m/p-Xylenes	0.707	0.715	-1.1	112	0.00
69 T	o-Xylene	0.661	0.686	-3.8	113	0.00
70 T	Styrene	1.155	1.173	-1.6	109	0.00
71 P	Bromoform	0.196	0.184	6.1	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.421	3.643	-6.5	114	0.00
74 T	N-amyl acetate	1.091	1.078	1.2	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.849	0.780	8.1	101	0.00
76 T	1,2,3-Trichloropropane	0.658	0.675	-2.6	117	0.00
77 T	Bromobenzene	0.825	0.822	0.4	105	0.00
78 T	n-propylbenzene	4.273	4.435	-3.8	113	0.00
79 T	2-Chlorotoluene	2.613	2.677	-2.4	111	0.00
80 T	1,3,5-Trimethylbenzene	2.958	3.073	-3.9	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.260	0.260	0.0	101	0.00
82 T	4-Chlorotoluene	2.778	2.798	-0.7	110	0.00
83 T	tert-Butylbenzene	2.427	2.552	-5.2	113	0.00
84 T	1,2,4-Trimethylbenzene	3.008	3.080	-2.4	109	0.00
85 T	sec-Butylbenzene	3.709	3.843	-3.6	113	0.00
86 T	p-Isopropyltoluene	3.077	3.237	-5.2	113	0.00
87 T	1,3-Dichlorobenzene	1.670	1.653	1.0	108	0.00
88 T	1,4-Dichlorobenzene	1.670	1.582	5.3	107	0.00
89 T	n-Butylbenzene	3.005	3.209	-6.8	116	0.00
90 T	Hexachloroethane	0.552	0.560	-1.4	112	0.00
91 T	1,2-Dichlorobenzene	1.509	1.480	1.9	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.149	0.135	9.4	96	0.00
93 T	1,2,4-Trichlorobenzene	0.905	0.911	-0.7	114	0.00
94 T	Hexachlorobutadiene	0.414	0.407	1.7	118	0.00
95 T	Naphthalene	2.174	2.235	-2.8	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.853	0.815	4.5	105	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5