

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100625\
 Data File : VW032352.D
 Acq On : 06 Oct 2025 12:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 07 03:41:30 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	86	0.00
2 T	Dichlorodifluoromethane	0.314	0.333	-6.1	108	0.00
3 P	Chloromethane	0.484	0.481	0.6	99	0.00
4 C	Vinyl Chloride	0.578	0.606	-4.8#	98	0.00
5 T	Bromomethane	0.425	0.436	-2.6	98	0.00
6 T	Chloroethane	0.382	0.407	-6.5	98	0.00
7 T	Trichlorofluoromethane	0.433	0.482	-11.3	99	0.00
8 T	Diethyl Ether	0.375	0.406	-8.3	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.519	0.562	-8.3	104	0.00
10 T	Methyl Iodide	0.741	0.789	-6.5	98	0.00
11 T	Tert butyl alcohol	0.055	0.060	-9.1	105	0.00
12 CM	1,1-Dichloroethene	0.564	0.613	-8.7#	101	0.00
13 T	Acrolein	0.090	0.069	23.3	74	0.00
14 T	Allyl chloride	0.952	0.992	-4.2	93	0.00
15 T	Acrylonitrile	0.195	0.217	-11.3	100	0.00
16 T	Acetone	0.202	0.192	5.0	90	0.00
17 T	Carbon Disulfide	1.538	1.636	-6.4	97	0.00
18 T	Methyl Acetate	0.578	0.683	-18.2	94	0.00
19 T	Methyl tert-butyl Ether	1.110	1.179	-6.2	95	0.00
20 T	Methylene Chloride	0.838	0.776	7.4	106	0.00
21 T	trans-1,2-Dichloroethene	0.624	0.694	-11.2	101	0.00
22 T	Diisopropyl ether	1.979	2.222	-12.3	100	0.00
23 T	Vinyl Acetate	1.322	1.459	-10.4	100	0.00
24 P	1,1-Dichloroethane	1.203	1.315	-9.3	100	0.00
25 T	2-Butanone	0.275	0.296	-7.6	97	0.00
26 T	2,2-Dichloropropane	0.615	0.637	-3.6	95	0.00
27 T	cis-1,2-Dichloroethene	0.749	0.829	-10.7	99	0.00
28 T	Bromochloromethane	0.566	0.628	-11.0	98	0.00
29 T	Tetrahydrofuran	0.173	0.199	-15.0	100	0.00
30 C	Chloroform	1.220	1.419	-16.3#	106	0.00
31 T	Cyclohexane	1.027	1.039	-1.2	98	0.00
32 T	1,1,1-Trichloroethane	0.864	0.939	-8.7	99	0.00
33 S	1,2-Dichloroethane-d4	0.729	0.770	-5.6	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.324	0.343	-5.9	95	0.00
36 T	1,1-Dichloropropene	0.457	0.510	-11.6	99	0.00
37 T	Ethyl Acetate	0.304	0.349	-14.8	102	0.00
38 T	Carbon Tetrachloride	0.430	0.479	-11.4	101	0.00
39 T	Methylcyclohexane	0.551	0.605	-9.8	99	0.00
40 TM	Benzene	1.432	1.617	-12.9	102	0.00
41 T	Methacrylonitrile	0.164	0.205	-25.0	107	0.00
42 TM	1,2-Dichloroethane	0.469	0.538	-14.7	104	0.00
43 T	Isopropyl Acetate	0.540	0.613	-13.5	100	0.00
44 TM	Trichloroethene	0.335	0.362	-8.1	99	0.00
45 C	1,2-Dichloropropane	0.358	0.403	-12.6#	101	0.00
46 T	Dibromomethane	0.220	0.257	-16.8	104	0.00
47 T	Bromodichloromethane	0.503	0.574	-14.1	102	0.00
48 T	Methyl methacrylate	0.262	0.299	-14.1	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	101	0.00
50 S	Toluene-d8	1.195	1.250	-4.6	89	0.00
51 T	4-Methyl-2-Pentanone	0.313	0.368	-17.6	101	0.00
52 CM	Toluene	0.892	1.017	-14.0#	101	0.00
53 T	t-1,3-Dichloropropene	0.488	0.550	-12.7	98	0.00
54 T	cis-1,3-Dichloropropene	0.562	0.624	-11.0	98	0.00
55 T	1,1,2-Trichloroethane	0.294	0.340	-15.6	103	0.00
56 T	Ethyl methacrylate	0.411	0.483	-17.5	101	0.00
57 T	1,3-Dichloropropane	0.519	0.607	-17.0	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.219	0.260	-18.7	92	0.00
59 T	2-Hexanone	0.220	0.262	-19.1	102	0.00
60 T	Dibromochloromethane	0.334	0.384	-15.0	100	0.00
61 T	1,2-Dibromoethane	0.287	0.329	-14.6	101	0.00
62 S	4-Bromofluorobenzene	0.452	0.473	-4.6	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.299	0.318	-6.4	100	0.00
65 PM	Chlorobenzene	1.100	1.188	-8.0	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.376	-9.6	105	0.00
67 C	Ethyl Benzene	1.834	1.987	-8.3#	101	0.00
68 T	m/p-Xylenes	0.707	0.781	-10.5	103	0.00
69 T	o-Xylene	0.661	0.728	-10.1	100	0.00
70 T	Styrene	1.155	1.320	-14.3	103	0.00
71 P	Bromoform	0.196	0.218	-11.2	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.421	3.726	-8.9	102	0.00
74 T	N-amyl acetate	1.091	1.193	-9.3	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.849	0.936	-10.2	105	0.00
76 T	1,2,3-Trichloropropane	0.658	0.698	-6.1	105	0.00
77 T	Bromobenzene	0.825	0.920	-11.5	102	0.00
78 T	n-propylbenzene	4.273	4.727	-10.6	105	0.00
79 T	2-Chlorotoluene	2.613	2.850	-9.1	103	0.00
80 T	1,3,5-Trimethylbenzene	2.958	3.235	-9.4	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.260	0.288	-10.8	98	0.00
82 T	4-Chlorotoluene	2.778	2.976	-7.1	102	0.00
83 T	tert-Butylbenzene	2.427	2.716	-11.9	105	0.00
84 T	1,2,4-Trimethylbenzene	3.008	3.272	-8.8	100	0.00
85 T	sec-Butylbenzene	3.709	3.979	-7.3	101	0.00
86 T	p-Isopropyltoluene	3.077	3.369	-9.5	102	0.00
87 T	1,3-Dichlorobenzene	1.670	1.809	-8.3	103	0.00
88 T	1,4-Dichlorobenzene	1.670	1.780	-6.6	104	0.00
89 T	n-Butylbenzene	3.005	3.323	-10.6	104	0.00
90 T	Hexachloroethane	0.552	0.596	-8.0	104	0.00
91 T	1,2-Dichlorobenzene	1.509	1.641	-8.7	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.149	0.163	-9.4	101	0.00
93 T	1,2,4-Trichlorobenzene	0.905	0.977	-8.0	106	0.00
94 T	Hexachlorobutadiene	0.414	0.406	1.9	102	0.00
95 T	Naphthalene	2.174	2.434	-12.0	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.853	0.905	-6.1	101	0.00

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