

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100325\
 Data File : VW032339.D
 Acq On : 03 Oct 2025 09:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 04 04:56:50 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	95	0.00
2 T	Dichlorodifluoromethane	0.314	0.269	14.3	97	0.00
3 P	Chloromethane	0.484	0.432	10.7	99	0.00
4 C	Vinyl Chloride	0.578	0.608	-5.2#	109	0.00
5 T	Bromomethane	0.425	0.429	-0.9	107	0.00
6 T	Chloroethane	0.382	0.391	-2.4	105	0.00
7 T	Trichlorofluoromethane	0.433	0.421	2.8	96	0.00
8 T	Diethyl Ether	0.375	0.394	-5.1	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.519	0.538	-3.7	110	-0.01
10 T	Methyl Iodide	0.741	0.816	-10.1	112	0.00
11 T	Tert butyl alcohol	0.055	0.057	-3.6	111	-0.01
12 CM	1,1-Dichloroethene	0.564	0.597	-5.9#	109	0.00
13 T	Acrolein	0.090	0.076	15.6	90	0.00
14 T	Allyl chloride	0.952	1.019	-7.0	107	0.00
15 T	Acrylonitrile	0.195	0.200	-2.6	102	-0.01
16 T	Acetone	0.202	0.204	-1.0	107	0.00
17 T	Carbon Disulfide	1.538	1.668	-8.5	110	0.00
18 T	Methyl Acetate	0.578	0.511	11.6	78	0.00
19 T	Methyl tert-butyl Ether	1.110	1.205	-8.6	108	0.00
20 T	Methylene Chloride	0.838	0.766	8.6	116	-0.01
21 T	trans-1,2-Dichloroethene	0.624	0.668	-7.1	108	0.00
22 T	Diisopropyl ether	1.979	2.141	-8.2	108	0.00
23 T	Vinyl Acetate	1.322	1.454	-10.0	110	0.00
24 P	1,1-Dichloroethane	1.203	1.257	-4.5	106	0.00
25 T	2-Butanone	0.275	0.272	1.1	99	0.00
26 T	2,2-Dichloropropane	0.615	0.674	-9.6	112	0.00
27 T	cis-1,2-Dichloroethene	0.749	0.794	-6.0	106	0.00
28 T	Bromochloromethane	0.566	0.570	-0.7	99	0.00
29 T	Tetrahydrofuran	0.173	0.176	-1.7	98	0.00
30 C	Chloroform	1.220	1.334	-9.3#	111	0.00
31 T	Cyclohexane	1.027	1.029	-0.2	108	0.00
32 T	1,1,1-Trichloroethane	0.864	0.943	-9.1	110	0.00
33 S	1,2-Dichloroethane-d4	0.729	0.718	1.5	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.324	0.329	-1.5	100	0.00
36 T	1,1-Dichloropropene	0.457	0.501	-9.6	106	0.00
37 T	Ethyl Acetate	0.304	0.328	-7.9	105	0.00
38 T	Carbon Tetrachloride	0.430	0.470	-9.3	108	-0.01
39 T	Methylcyclohexane	0.551	0.611	-10.9	109	0.00
40 TM	Benzene	1.432	1.568	-9.5	108	0.00
41 T	Methacrylonitrile	0.164	0.193	-17.7	110	0.00
42 TM	1,2-Dichloroethane	0.469	0.510	-8.7	107	0.00
43 T	Isopropyl Acetate	0.540	0.589	-9.1	105	0.00
44 TM	Trichloroethene	0.335	0.355	-6.0	106	0.00
45 C	1,2-Dichloropropane	0.358	0.391	-9.2#	106	0.00
46 T	Dibromomethane	0.220	0.242	-10.0	107	0.00
47 T	Bromodichloromethane	0.503	0.560	-11.3	108	0.00
48 T	Methyl methacrylate	0.262	0.281	-7.3	101	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	1.239	-3.7	96	0.00
51 T	4-Methyl-2-Pentanone	0.313	0.340	-8.6	101	0.00
52 CM	Toluene	0.892	0.993	-11.3#	108	0.00
53 T	t-1,3-Dichloropropene	0.488	0.547	-12.1	106	0.00
54 T	cis-1,3-Dichloropropene	0.562	0.617	-9.8	105	0.00
55 T	1,1,2-Trichloroethane	0.294	0.320	-8.8	106	0.00
56 T	Ethyl methacrylate	0.411	0.458	-11.4	104	0.00
57 T	1,3-Dichloropropane	0.519	0.570	-9.8	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.219	0.249	-13.7	96	0.00
59 T	2-Hexanone	0.220	0.236	-7.3	100	0.00
60 T	Dibromochloromethane	0.334	0.355	-6.3	101	0.00
61 T	1,2-Dibromoethane	0.287	0.307	-7.0	103	0.00
62 S	4-Bromofluorobenzene	0.452	0.467	-3.3	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.299	0.302	-1.0	101	0.00
65 PM	Chlorobenzene	1.100	1.173	-6.6	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.343	0.363	-5.8	107	0.00
67 C	Ethyl Benzene	1.834	2.040	-11.2#	110	0.00
68 T	m/p-Xylenes	0.707	0.787	-11.3	110	0.00
69 T	o-Xylene	0.661	0.744	-12.6	109	0.00
70 T	Styrene	1.155	1.279	-10.7	106	0.00
71 P	Bromoform	0.196	0.204	-4.1	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.421	3.711	-8.5	107	0.00
74 T	N-amyl acetate	1.091	1.165	-6.8	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.849	0.873	-2.8	104	0.00
76 T	1,2,3-Trichloropropane	0.658	0.652	0.9	104	0.00
77 T	Bromobenzene	0.825	0.889	-7.8	105	0.00
78 T	n-propylbenzene	4.273	4.695	-9.9	110	0.00
79 T	2-Chlorotoluene	2.613	2.847	-9.0	109	0.00
80 T	1,3,5-Trimethylbenzene	2.958	3.212	-8.6	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.260	0.282	-8.5	101	0.00
82 T	4-Chlorotoluene	2.778	2.981	-7.3	108	0.00
83 T	tert-Butylbenzene	2.427	2.750	-13.3	112	0.00
84 T	1,2,4-Trimethylbenzene	3.008	3.253	-8.1	106	0.00
85 T	sec-Butylbenzene	3.709	4.026	-8.5	108	0.00
86 T	p-Isopropyltoluene	3.077	3.442	-11.9	110	0.00
87 T	1,3-Dichlorobenzene	1.670	1.791	-7.2	108	0.00
88 T	1,4-Dichlorobenzene	1.670	1.667	0.2	104	0.00
89 T	n-Butylbenzene	3.005	3.306	-10.0	110	0.00
90 T	Hexachloroethane	0.552	0.590	-6.9	109	0.00
91 T	1,2-Dichlorobenzene	1.509	1.625	-7.7	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.149	0.146	2.0	96	0.00
93 T	1,2,4-Trichlorobenzene	0.905	0.946	-4.5	109	0.00
94 T	Hexachlorobutadiene	0.414	0.434	-4.8	115	0.00
95 T	Naphthalene	2.174	2.381	-9.5	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.853	0.869	-1.9	103	0.00

(#) = Out of Range

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