

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120825\
 Data File : VW032583.D
 Acq On : 08 Dec 2025 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 09 02:12:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 04:04:32 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	98	0.00
2 T	Dichlorodifluoromethane	0.309	0.307	0.6	111	0.00
3 P	Chloromethane	0.569	0.510	10.4	102	0.00
4 C	Vinyl Chloride	0.690	0.699	-1.3#	108	0.00
5 T	Bromomethane	0.458	0.449	2.0	105	0.00
6 T	Chloroethane	0.446	0.438	1.8	102	0.00
7 T	Trichlorofluoromethane	0.535	0.523	2.2	99	0.00
8 T	Diethyl Ether	0.396	0.380	4.0	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.566	0.601	-6.2	111	0.00
10 T	Methyl Iodide	0.853	0.817	4.2	102	-0.01
11 T	Tert butyl alcohol	0.057	0.046	19.3	83	0.00
12 CM	1,1-Dichloroethene	0.638	0.645	-1.1#	105	0.00
13 T	Acrolein	0.101	0.117	-15.8	107	0.00
14 T	Allyl chloride	1.167	1.177	-0.9	102	0.00
15 T	Acrylonitrile	0.208	0.211	-1.4	97	0.00
16 T	Acetone	0.233	0.234	-0.4	96	0.00
17 T	Carbon Disulfide	1.889	1.890	-0.1	103	0.00
18 T	Methyl Acetate	0.479	0.500	-4.4	100	0.00
19 T	Methyl tert-butyl Ether	1.189	1.253	-5.4	102	0.00
20 T	Methylene Chloride	0.832	0.746	10.3	101	0.00
21 T	trans-1,2-Dichloroethene	0.697	0.703	-0.9	104	0.00
22 T	Diisopropyl ether	2.330	2.423	-4.0	101	0.00
23 T	Vinyl Acetate	1.544	1.614	-4.5	98	0.00
24 P	1,1-Dichloroethane	1.353	1.368	-1.1	104	0.00
25 T	2-Butanone	0.298	0.296	0.7	94	0.00
26 T	2,2-Dichloropropane	0.784	0.745	5.0	102	0.00
27 T	cis-1,2-Dichloroethene	0.811	0.800	1.4	100	0.00
28 T	Bromochloromethane	0.608	0.594	2.3	94	0.00
29 T	Tetrahydrofuran	0.178	0.183	-2.8	93	0.00
30 C	Chloroform	1.342	1.345	-0.2#	105	0.00
31 T	Cyclohexane	1.193	1.223	-2.5	108	0.00
32 T	1,1,1-Trichloroethane	0.974	0.986	-1.2	105	0.00
33 S	1,2-Dichloroethane-d4	0.744	0.659	11.4	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.329	0.298	9.4	88	0.00
36 T	1,1-Dichloropropene	0.502	0.527	-5.0	104	0.00
37 T	Ethyl Acetate	0.347	0.345	0.6	93	0.00
38 T	Carbon Tetrachloride	0.466	0.494	-6.0	108	0.00
39 T	Methylcyclohexane	0.613	0.687	-12.1	109	0.00
40 TM	Benzene	1.599	1.610	-0.7	102	0.00
41 T	Methacrylonitrile	0.188	0.201	-6.9	92	0.00
42 TM	1,2-Dichloroethane	0.490	0.497	-1.4	100	0.00
43 T	Isopropyl Acetate	0.597	0.606	-1.5	94	0.00
44 TM	Trichloroethene	0.357	0.367	-2.8	104	0.00
45 C	1,2-Dichloropropane	0.397	0.411	-3.5#	104	0.00
46 T	Dibromomethane	0.230	0.237	-3.0	100	0.00
47 T	Bromodichloromethane	0.538	0.560	-4.1	104	0.00
48 T	Methyl methacrylate	0.271	0.283	-4.4	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	97	0.00
50 S	Toluene-d8	1.238	1.131	8.6	89	0.00
51 T	4-Methyl-2-Pentanone	0.330	0.343	-3.9	94	0.00
52 CM	Toluene	0.964	0.994	-3.1#	102	0.00
53 T	t-1,3-Dichloropropene	0.517	0.546	-5.6	102	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.638	-5.3	103	0.00
55 T	1,1,2-Trichloroethane	0.308	0.313	-1.6	101	0.00
56 T	Ethyl methacrylate	0.425	0.456	-7.3	96	0.00
57 T	1,3-Dichloropropane	0.549	0.567	-3.3	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.223	0.235	-5.4	94	0.00
59 T	2-Hexanone	0.235	0.247	-5.1	93	0.00
60 T	Dibromochloromethane	0.345	0.354	-2.6	103	0.00
61 T	1,2-Dibromoethane	0.293	0.297	-1.4	99	0.00
62 S	4-Bromofluorobenzene	0.457	0.415	9.2	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.333	0.328	1.5	101	0.00
65 PM	Chlorobenzene	1.181	1.201	-1.7	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.365	0.370	-1.4	99	0.00
67 C	Ethyl Benzene	2.005	2.109	-5.2#	102	0.00
68 T	m/p-Xylenes	0.762	0.815	-7.0	103	0.00
69 T	o-Xylene	0.698	0.732	-4.9	98	0.00
70 T	Styrene	1.225	1.315	-7.3	102	0.00
71 P	Bromoform	0.201	0.209	-4.0	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.709	4.009	-8.1	99	0.00
74 T	N-amyl acetate	1.228	1.328	-8.1	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.873	0.912	-4.5	96	0.00
76 T	1,2,3-Trichloropropane	0.677	0.808	-19.4	115	0.00
77 T	Bromobenzene	0.877	0.944	-7.6	105	0.00
78 T	n-propylbenzene	4.732	5.231	-10.5	102	0.00
79 T	2-Chlorotoluene	2.821	3.039	-7.7	103	0.00
80 T	1,3,5-Trimethylbenzene	3.165	3.445	-8.8	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.310	-7.6	93	0.00
82 T	4-Chlorotoluene	3.017	3.220	-6.7	100	0.00
83 T	tert-Butylbenzene	2.610	2.895	-10.9	104	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.471	-9.8	102	0.00
85 T	sec-Butylbenzene	4.026	4.430	-10.0	103	0.00
86 T	p-Isopropyltoluene	3.316	3.502	-5.6	101	0.00
87 T	1,3-Dichlorobenzene	1.793	1.824	-1.7	98	0.00
88 T	1,4-Dichlorobenzene	1.779	1.868	-5.0	100	0.00
89 T	n-Butylbenzene	3.367	3.701	-9.9	105	0.00
90 T	Hexachloroethane	0.635	0.686	-8.0	106	0.00
91 T	1,2-Dichlorobenzene	1.572	1.632	-3.8	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.151	0.155	-2.6	94	0.00
93 T	1,2,4-Trichlorobenzene	0.958	0.988	-3.1	100	0.00
94 T	Hexachlorobutadiene	0.441	0.425	3.6	93	0.00
95 T	Naphthalene	2.166	2.413	-11.4	98	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.870	0.944	-8.5	102	0.00

(#) = Out of Range

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