

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032570.D
 Acq On : 03 Dec 2025 14:07
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW120325

Quant Time: Dec 04 04:06:38 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	110	0.00
2 T	Dichlorodifluoromethane	0.309	0.312	-1.0	126	0.00
3 P	Chloromethane	0.569	0.515	9.5	116	0.00
4 C	Vinyl Chloride	0.690	0.654	5.2#	113	0.00
5 T	Bromomethane	0.458	0.427	6.8	112	0.00
6 T	Chloroethane	0.446	0.422	5.4	110	0.00
7 T	Trichlorofluoromethane	0.535	0.506	5.4	108	0.00
8 T	Diethyl Ether	0.396	0.380	4.0	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.566	0.569	-0.5	118	0.00
10 T	Methyl Iodide	0.853	0.779	8.7	109	0.00
11 T	Tert butyl alcohol	0.057	0.054	5.3	110	0.00
12 CM	1,1-Dichloroethene	0.638	0.613	3.9#	112	0.00
13 T	Acrolein	0.101	0.086	14.9	88	0.00
14 T	Allyl chloride	1.167	1.142	2.1	111	0.00
15 T	Acrylonitrile	0.208	0.215	-3.4	111	0.00
16 T	Acetone	0.233	0.256	-9.9	118	0.00
17 T	Carbon Disulfide	1.889	1.844	2.4	113	0.00
18 T	Methyl Acetate	0.479	0.515	-7.5	116	0.00
19 T	Methyl tert-butyl Ether	1.189	1.221	-2.7	111	0.00
20 T	Methylene Chloride	0.832	0.717	13.8	109	0.00
21 T	trans-1,2-Dichloroethene	0.697	0.675	3.2	112	0.00
22 T	Diisopropyl ether	2.330	2.317	0.6	109	0.00
23 T	Vinyl Acetate	1.544	1.585	-2.7	108	0.00
24 P	1,1-Dichloroethane	1.353	1.289	4.7	110	0.00
25 T	2-Butanone	0.298	0.325	-9.1	116	0.00
26 T	2,2-Dichloropropane	0.784	0.724	7.7	111	0.00
27 T	cis-1,2-Dichloroethene	0.811	0.775	4.4	109	0.00
28 T	Bromochloromethane	0.608	0.534	12.2	95	0.00
29 T	Tetrahydrofuran	0.178	0.192	-7.9	110	0.00
30 C	Chloroform	1.342	1.263	5.9#	110	0.00
31 T	Cyclohexane	1.193	1.198	-0.4	119	0.00
32 T	1,1,1-Trichloroethane	0.974	0.930	4.5	111	0.00
33 S	1,2-Dichloroethane-d4	0.744	0.667	10.3	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.329	0.292	11.2	96	0.00
36 T	1,1-Dichloropropene	0.502	0.521	-3.8	114	0.00
37 T	Ethyl Acetate	0.347	0.355	-2.3	106	0.00
38 T	Carbon Tetrachloride	0.466	0.484	-3.9	118	0.00
39 T	Methylcyclohexane	0.613	0.681	-11.1	119	0.00
40 TM	Benzene	1.599	1.558	2.6	109	0.00
41 T	Methacrylonitrile	0.188	0.204	-8.5	103	0.00
42 TM	1,2-Dichloroethane	0.490	0.484	1.2	108	0.00
43 T	Isopropyl Acetate	0.597	0.637	-6.7	110	0.00
44 TM	Trichloroethene	0.357	0.353	1.1	111	0.00
45 C	1,2-Dichloropropane	0.397	0.395	0.5#	110	0.00
46 T	Dibromomethane	0.230	0.229	0.4	108	0.00
47 T	Bromodichloromethane	0.538	0.536	0.4	110	0.00
48 T	Methyl methacrylate	0.271	0.320	-18.1	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	111	0.00
50 S	Toluene-d8	1.238	1.142	7.8	99	0.00
51 T	4-Methyl-2-Pentanone	0.330	0.359	-8.8	109	0.00
52 CM	Toluene	0.964	0.964	0.0	110	0.00
53 T	t-1,3-Dichloropropene	0.517	0.549	-6.2	114	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.621	-2.5	111	0.00
55 T	1,1,2-Trichloroethane	0.308	0.302	1.9	108	0.00
56 T	Ethyl methacrylate	0.425	0.473	-11.3	110	0.00
57 T	1,3-Dichloropropane	0.549	0.559	-1.8	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.223	0.231	-3.6	103	0.00
59 T	2-Hexanone	0.235	0.264	-12.3	109	0.00
60 T	Dibromochloromethane	0.345	0.353	-2.3	114	0.00
61 T	1,2-Dibromoethane	0.293	0.294	-0.3	109	0.00
62 S	4-Bromofluorobenzene	0.457	0.430	5.9	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.333	0.331	0.6	112	0.00
65 PM	Chlorobenzene	1.181	1.159	1.9	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.365	0.361	1.1	107	0.00
67 C	Ethyl Benzene	2.005	2.075	-3.5#	111	0.00
68 T	m/p-Xylenes	0.762	0.781	-2.5	109	0.00
69 T	o-Xylene	0.698	0.716	-2.6	105	0.00
70 T	Styrene	1.225	1.282	-4.7	109	0.00
71 P	Bromoform	0.201	0.214	-6.5	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.709	3.889	-4.9	107	0.00
74 T	N-amyl acetate	1.228	1.360	-10.7	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.873	0.915	-4.8	108	0.00
76 T	1,2,3-Trichloropropane	0.677	0.673	0.6	107	0.00
77 T	Bromobenzene	0.877	0.875	0.2	109	0.00
78 T	n-propylbenzene	4.732	5.000	-5.7	109	0.00
79 T	2-Chlorotoluene	2.821	2.942	-4.3	111	0.00
80 T	1,3,5-Trimethylbenzene	3.165	3.343	-5.6	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.324	-12.5	109	0.00
82 T	4-Chlorotoluene	3.017	3.056	-1.3	106	0.00
83 T	tert-Butylbenzene	2.610	2.915	-11.7	117	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.310	-4.7	109	0.00
85 T	sec-Butylbenzene	4.026	4.294	-6.7	112	0.00
86 T	p-Isopropyltoluene	3.316	3.567	-7.6	115	0.00
87 T	1,3-Dichlorobenzene	1.793	1.764	1.6	106	0.00
88 T	1,4-Dichlorobenzene	1.779	1.715	3.6	103	0.00
89 T	n-Butylbenzene	3.367	3.614	-7.3	114	0.00
90 T	Hexachloroethane	0.635	0.632	0.5	109	0.00
91 T	1,2-Dichlorobenzene	1.572	1.617	-2.9	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.151	0.158	-4.6	108	0.00
93 T	1,2,4-Trichlorobenzene	0.958	1.012	-5.6	115	0.00
94 T	Hexachlorobutadiene	0.441	0.431	2.3	105	0.00
95 T	Naphthalene	2.166	2.474	-14.2	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.870	0.902	-3.7	108	0.00

(#) = Out of Range

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