

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032659.D
 Acq On : 16 Dec 2025 16:22
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121625

Quant Time: Dec 17 01:04:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:58:18 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	100	0.00
2 T	Dichlorodifluoromethane	0.291	0.281	3.4	105	0.00
3 P	Chloromethane	0.516	0.474	8.1	96	0.00
4 C	Vinyl Chloride	0.654	0.629	3.8#	98	0.00
5 T	Bromomethane	0.428	0.408	4.7	96	0.00
6 T	Chloroethane	0.422	0.415	1.7	99	0.00
7 T	Trichlorofluoromethane	0.572	0.592	-3.5	112	0.00
8 T	Diethyl Ether	0.362	0.365	-0.8	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.569	0.552	3.0	97	0.00
10 T	Methyl Iodide	0.804	0.777	3.4	98	0.00
11 T	Tert butyl alcohol	0.047	0.055	-17.0	113	0.00
12 CM	1,1-Dichloroethene	0.598	0.590	1.3#	97	0.00
13 T	Acrolein	0.068	0.060	11.8	93	0.00
14 T	Allyl chloride	1.088	1.109	-1.9	98	0.00
15 T	Acrylonitrile	0.199	0.219	-10.1	106	0.01
16 T	Acetone	0.246	0.266	-8.1	105	0.00
17 T	Carbon Disulfide	1.682	1.644	2.3	98	0.00
18 T	Methyl Acetate	0.472	0.542	-14.8	108	0.00
19 T	Methyl tert-butyl Ether	1.221	1.296	-6.1	101	0.00
20 T	Methylene Chloride	0.801	0.686	14.4	97	0.00
21 T	trans-1,2-Dichloroethene	0.647	0.650	-0.5	99	0.01
22 T	Diisopropyl ether	2.191	2.261	-3.2	99	0.00
23 T	Vinyl Acetate	1.455	1.580	-8.6	102	0.00
24 P	1,1-Dichloroethane	1.272	1.287	-1.2	99	0.00
25 T	2-Butanone	0.280	0.323	-15.4	107	0.00
26 T	2,2-Dichloropropane	0.761	0.766	-0.7	99	0.00
27 T	cis-1,2-Dichloroethene	0.756	0.767	-1.5	99	0.00
28 T	Bromochloromethane	0.481	0.546	-13.5	115	0.00
29 T	Tetrahydrofuran	0.169	0.194	-14.8	108	0.00
30 C	Chloroform	1.266	1.276	-0.8#	99	0.00
31 T	Cyclohexane	1.179	1.132	4.0	99	0.00
32 T	1,1,1-Trichloroethane	0.964	0.972	-0.8	99	0.00
33 S	1,2-Dichloroethane-d4	0.717	0.647	9.8	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.325	0.298	8.3	85	0.00
36 T	1,1-Dichloropropene	0.503	0.525	-4.4	98	0.00
37 T	Ethyl Acetate	0.334	0.371	-11.1	103	0.00
38 T	Carbon Tetrachloride	0.476	0.491	-3.2	97	0.00
39 T	Methylcyclohexane	0.630	0.678	-7.6	101	0.00
40 TM	Benzene	1.511	1.557	-3.0	98	0.00
41 T	Methacrylonitrile	0.185	0.212	-14.6	108	0.00
42 TM	1,2-Dichloroethane	0.478	0.508	-6.3	100	0.00
43 T	Isopropyl Acetate	0.582	0.660	-13.4	104	0.00
44 TM	Trichloroethene	0.350	0.364	-4.0	99	0.00
45 C	1,2-Dichloropropane	0.385	0.396	-2.9#	97	0.00
46 T	Dibromomethane	0.222	0.230	-3.6	99	0.00
47 T	Bromodichloromethane	0.523	0.553	-5.7	99	0.00
48 T	Methyl methacrylate	0.280	0.336	-20.0	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	107	0.00
50 S	Toluene-d8	1.224	1.151	6.0	86	0.00
51 T	4-Methyl-2-Pentanone	0.327	0.380	-16.2	107	0.00
52 CM	Toluene	0.931	0.979	-5.2#	98	0.00
53 T	t-1,3-Dichloropropene	0.509	0.553	-8.6	99	0.00
54 T	cis-1,3-Dichloropropene	0.591	0.627	-6.1	97	0.00
55 T	1,1,2-Trichloroethane	0.301	0.318	-5.6	100	0.00
56 T	Ethyl methacrylate	0.418	0.490	-17.2	106	0.00
57 T	1,3-Dichloropropane	0.533	0.570	-6.9	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.189	0.230	-21.7	107	0.00
59 T	2-Hexanone	0.235	0.279	-18.7	106	0.00
60 T	Dibromochloromethane	0.333	0.365	-9.6	101	0.00
61 T	1,2-Dibromoethane	0.287	0.303	-5.6	102	0.00
62 S	4-Bromofluorobenzene	0.450	0.427	5.1	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.319	0.337	-5.6	101	0.00
65 PM	Chlorobenzene	1.136	1.234	-8.6	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.348	0.378	-8.6	100	0.00
67 C	Ethyl Benzene	1.942	2.163	-11.4#	100	0.00
68 T	m/p-Xylenes	0.741	0.793	-7.0	96	0.00
69 T	o-Xylene	0.677	0.771	-13.9	102	0.00
70 T	Styrene	1.179	1.303	-10.5	98	0.00
71 P	Bromoform	0.194	0.218	-12.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.762	4.119	-9.5	99	0.00
74 T	N-amyl acetate	1.229	1.431	-16.4	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.894	0.970	-8.5	102	0.00
76 T	1,2,3-Trichloropropane	0.684	0.726	-6.1	106	0.00
77 T	Bromobenzene	0.867	0.921	-6.2	99	0.00
78 T	n-propylbenzene	4.767	5.176	-8.6	99	0.00
79 T	2-Chlorotoluene	2.839	3.042	-7.2	98	0.00
80 T	1,3,5-Trimethylbenzene	3.136	3.437	-9.6	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.292	0.331	-13.4	102	0.00
82 T	4-Chlorotoluene	3.015	3.182	-5.5	99	0.00
83 T	tert-Butylbenzene	2.692	2.935	-9.0	100	0.00
84 T	1,2,4-Trimethylbenzene	3.187	3.443	-8.0	99	0.00
85 T	sec-Butylbenzene	4.107	4.438	-8.1	100	0.00
86 T	p-Isopropyltoluene	3.363	3.671	-9.2	101	0.00
87 T	1,3-Dichlorobenzene	1.745	1.853	-6.2	102	0.00
88 T	1,4-Dichlorobenzene	1.753	1.842	-5.1	99	0.00
89 T	n-Butylbenzene	3.382	3.725	-10.1	100	0.00
90 T	Hexachloroethane	0.632	0.669	-5.9	99	0.00
91 T	1,2-Dichlorobenzene	1.579	1.603	-1.5	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.175	-13.6	108	0.00
93 T	1,2,4-Trichlorobenzene	0.935	0.987	-5.6	92	0.00
94 T	Hexachlorobutadiene	0.437	0.498	-14.0	107	0.00
95 T	Naphthalene	2.198	2.608	-18.7	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.840	0.934	-11.2	105	0.00

(#) = Out of Range

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