

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032647.D
 Acq On : 12 Dec 2025 14:35
 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 13 00:07:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 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	97	0.00
2 T	Dichlorodifluoromethane	0.310	0.355	-14.5	128	0.00
3 P	Chloromethane	0.548	0.566	-3.3	123	0.00
4 C	Vinyl Chloride	0.654	0.752	-15.0#	127	0.00
5 T	Bromomethane	0.435	0.495	-13.8	126	0.00
6 T	Chloroethane	0.422	0.493	-16.8	127	0.00
7 T	Trichlorofluoromethane	0.572	0.629	-10.0	117	0.00
8 T	Diethyl Ether	0.383	0.425	-11.0	125	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.573	0.658	-14.8	126	0.00
10 T	Methyl Iodide	0.798	0.936	-17.3	124	0.00
11 T	Tert butyl alcohol	0.052	0.051	1.9	121	0.00
12 CM	1,1-Dichloroethene	0.607	0.722	-18.9#	129	0.00
13 T	Acrolein	0.087	0.045	48.3#	47#	0.00
14 T	Allyl chloride	1.128	1.286	-14.0	122	0.00
15 T	Acrylonitrile	0.214	0.235	-9.8	125	0.00
16 T	Acetone	0.262	0.257	1.9	125	0.00
17 T	Carbon Disulfide	1.764	1.974	-11.9	121	0.00
18 T	Methyl Acetate	0.511	0.567	-11.0	125	0.00
19 T	Methyl tert-butyl Ether	1.205	1.420	-17.8	124	0.00
20 T	Methylene Chloride	0.800	0.838	-4.7	124	0.00
21 T	trans-1,2-Dichloroethene	0.663	0.761	-14.8	125	0.00
22 T	Diisopropyl ether	2.285	2.688	-17.6	122	0.00
23 T	Vinyl Acetate	1.545	1.781	-15.3	123	0.00
24 P	1,1-Dichloroethane	1.307	1.496	-14.5	124	0.00
25 T	2-Butanone	0.308	0.324	-5.2	124	0.00
26 T	2,2-Dichloropropane	0.734	0.825	-12.4	118	0.00
27 T	cis-1,2-Dichloroethene	0.774	0.913	-18.0	125	0.00
28 T	Bromochloromethane	0.519	0.523	-0.8	97	0.00
29 T	Tetrahydrofuran	0.185	0.200	-8.1	124	0.00
30 C	Chloroform	1.289	1.477	-14.6#	123	0.00
31 T	Cyclohexane	1.204	1.307	-8.6	121	0.00
32 T	1,1,1-Trichloroethane	0.948	1.096	-15.6	122	0.00
33 S	1,2-Dichloroethane-d4	0.749	0.725	3.2	114	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.338	0.343	-1.5	116	0.00
36 T	1,1-Dichloropropene	0.515	0.619	-20.2	124	0.00
37 T	Ethyl Acetate	0.353	0.416	-17.8	128	0.00
38 T	Carbon Tetrachloride	0.476	0.558	-17.2	121	0.00
39 T	Methylcyclohexane	0.647	0.774	-19.6	119	0.00
40 TM	Benzene	1.562	1.879	-20.3	125	0.00
41 T	Methacrylonitrile	0.188	0.237	-26.1#	131	0.00
42 TM	1,2-Dichloroethane	0.497	0.583	-17.3	123	0.00
43 T	Isopropyl Acetate	0.625	0.721	-15.4	125	0.00
44 TM	Trichloroethene	0.357	0.425	-19.0	124	0.00
45 C	1,2-Dichloropropane	0.395	0.478	-21.0#	125	0.00
46 T	Dibromomethane	0.232	0.274	-18.1	124	0.00
47 T	Bromodichloromethane	0.539	0.656	-21.7	126	0.00
48 T	Methyl methacrylate	0.295	0.334	-13.2	124	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	125	0.00
50 S	Toluene-d8	1.283	1.299	-1.2	112	0.00
51 T	4-Methyl-2-Pentanone	0.349	0.407	-16.6	128	0.00
52 CM	Toluene	0.961	1.166	-21.3#	123	0.00
53 T	t-1,3-Dichloropropene	0.531	0.652	-22.8	125	0.00
54 T	cis-1,3-Dichloropropene	0.612	0.738	-20.6	123	0.00
55 T	1,1,2-Trichloroethane	0.311	0.373	-19.9	128	0.00
56 T	Ethyl methacrylate	0.448	0.535	-19.4	123	0.00
57 T	1,3-Dichloropropane	0.558	0.659	-18.1	122	0.00
58 T	2-Chloroethyl Vinyl ether	0.209	0.221	-5.7	154#	0.00
59 T	2-Hexanone	0.253	0.291	-15.0	126	0.00
60 T	Dibromochloromethane	0.346	0.428	-23.7	126	0.00
61 T	1,2-Dibromoethane	0.300	0.347	-15.7	119	0.00
62 S	4-Bromofluorobenzene	0.471	0.473	-0.4	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.321	0.411	-28.0#	136	0.00
65 PM	Chlorobenzene	1.142	1.420	-24.3	126	0.00
66 T	1,1,1,2-Tetrachloroethane	0.357	0.457	-28.0#	123	0.00
67 C	Ethyl Benzene	1.973	2.541	-28.8#	124	0.00
68 T	m/p-Xylenes	0.757	0.967	-27.7#	123	0.00
69 T	o-Xylene	0.698	0.886	-26.9#	121	0.00
70 T	Styrene	1.218	1.558	-27.9#	123	0.00
71 P	Bromoform	0.207	0.258	-24.6	130	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.803	4.679	-23.0	122	0.00
74 T	N-amyl acetate	1.303	1.522	-16.8	124	0.00
75 P	1,1,2,2-Tetrachloroethane	0.916	1.060	-15.7	125	0.00
76 T	1,2,3-Trichloropropane	0.671	0.791	-17.9	128	0.00
77 T	Bromobenzene	0.873	1.049	-20.2	129	0.00
78 T	n-propylbenzene	4.858	5.966	-22.8	123	0.00
79 T	2-Chlorotoluene	2.851	3.424	-20.1	122	0.00
80 T	1,3,5-Trimethylbenzene	3.194	3.931	-23.1	124	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.361	-19.9	129	0.00
82 T	4-Chlorotoluene	3.028	3.606	-19.1	125	0.00
83 T	tert-Butylbenzene	2.721	3.375	-24.0	124	0.00
84 T	1,2,4-Trimethylbenzene	3.222	3.844	-19.3	119	0.00
85 T	sec-Butylbenzene	4.166	4.917	-18.0	120	0.00
86 T	p-Isopropyltoluene	3.389	4.120	-21.6	123	0.00
87 T	1,3-Dichlorobenzene	1.786	2.148	-20.3	125	0.00
88 T	1,4-Dichlorobenzene	1.779	2.054	-15.5	120	0.00
89 T	n-Butylbenzene	3.405	4.120	-21.0	124	0.00
90 T	Hexachloroethane	0.633	0.745	-17.7	120	0.00
91 T	1,2-Dichlorobenzene	1.612	1.794	-11.3	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.179	-9.8	126	0.00
93 T	1,2,4-Trichlorobenzene	0.958	1.098	-14.6	119	0.00
94 T	Hexachlorobutadiene	0.453	0.500	-10.4	113	0.00
95 T	Naphthalene	2.305	2.685	-16.5	124	0.00

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96 T	1,2,3-Trichlorobenzene	0.905	1.030	-13.8	118	0.00

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