

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032178.D
 Acq On : 15 Sep 2025 16:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 16 06:38:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 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	107	0.00
2 T	Dichlorodifluoromethane	0.330	0.283	14.2	97	0.00
3 P	Chloromethane	0.346	0.281	18.8	89	0.00
4 C	Vinyl Chloride	0.450	0.397	11.8#	96	0.00
5 T	Bromomethane	0.401	0.334	16.7	96	0.00
6 T	Chloroethane	0.317	0.284	10.4	96	0.00
7 T	Trichlorofluoromethane	0.445	0.397	10.8	89	0.00
8 T	Diethyl Ether	0.332	0.291	12.3	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.502	0.443	11.8	94	0.00
10 T	Methyl Iodide	0.764	0.705	7.7	101	0.00
11 T	Tert butyl alcohol	0.044	0.040	9.1	97	0.00
12 CM	1,1-Dichloroethene	0.528	0.480	9.1#	96	0.00
13 T	Acrolein	0.067	0.017	74.6#	27#	0.00
14 T	Allyl chloride	0.751	0.709	5.6	99	0.00
15 T	Acrylonitrile	0.162	0.155	4.3	102	0.00
16 T	Acetone	0.155	0.147	5.2	101	0.00
17 T	Carbon Disulfide	1.322	1.169	11.6	92	0.00
18 T	Methyl Acetate	0.493	0.550	-11.6	115	0.00
19 T	Methyl tert-butyl Ether	0.998	0.995	0.3	102	0.00
20 T	Methylene Chloride	0.725	0.595	17.9	100	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.547	7.3	96	0.00
22 T	Diisopropyl ether	1.634	1.603	1.9	101	0.00
23 T	Vinyl Acetate	1.111	1.051	5.4	96	0.00
24 P	1,1-Dichloroethane	1.070	1.004	6.2	98	0.00
25 T	2-Butanone	0.219	0.214	2.3	102	0.00
26 T	2,2-Dichloropropane	0.566	0.552	2.5	98	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.673	6.3	98	0.00
28 T	Bromochloromethane	0.490	0.464	5.3	103	0.00
29 T	Tetrahydrofuran	0.139	0.135	2.9	102	0.00
30 C	Chloroform	1.221	1.161	4.9#	100	0.00
31 T	Cyclohexane	0.878	0.773	12.0	96	0.00
32 T	1,1,1-Trichloroethane	0.891	0.834	6.4	98	0.00
33 S	1,2-Dichloroethane-d4	0.715	0.676	5.5	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.351	0.340	3.1	105	0.00
36 T	1,1-Dichloropropene	0.455	0.428	5.9	94	0.00
37 T	Ethyl Acetate	0.273	0.262	4.0	98	0.00
38 T	Carbon Tetrachloride	0.488	0.469	3.9	95	0.00
39 T	Methylcyclohexane	0.539	0.517	4.1	93	0.00
40 TM	Benzene	1.406	1.344	4.4	98	0.00
41 T	Methacrylonitrile	0.152	0.159	-4.6	112	0.00
42 TM	1,2-Dichloroethane	0.487	0.474	2.7	100	0.00
43 T	Isopropyl Acetate	0.512	0.507	1.0	100	0.00
44 TM	Trichloroethene	0.354	0.340	4.0	101	0.00
45 C	1,2-Dichloropropane	0.339	0.331	2.4#	99	0.00
46 T	Dibromomethane	0.238	0.230	3.4	103	0.00
47 T	Bromodichloromethane	0.540	0.526	2.6	98	0.00
48 T	Methyl methacrylate	0.236	0.240	-1.7	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	108	0.00
50 S	Toluene-d8	1.231	1.205	2.1	101	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.293	-1.4	103	0.00
52 CM	Toluene	0.919	0.878	4.5#	96	0.00
53 T	t-1,3-Dichloropropene	0.477	0.478	-0.2	99	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.533	2.0	97	0.00
55 T	1,1,2-Trichloroethane	0.309	0.302	2.3	104	0.00
56 T	Ethyl methacrylate	0.395	0.404	-2.3	99	0.00
57 T	1,3-Dichloropropane	0.518	0.500	3.5	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.225	-6.6	112	0.00
59 T	2-Hexanone	0.201	0.207	-3.0	103	0.00
60 T	Dibromochloromethane	0.374	0.359	4.0	96	0.00
61 T	1,2-Dibromoethane	0.304	0.295	3.0	99	0.00
62 S	4-Bromofluorobenzene	0.455	0.446	2.0	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.329	0.316	4.0	98	0.00
65 PM	Chlorobenzene	1.138	1.089	4.3	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.370	1.3	101	0.00
67 C	Ethyl Benzene	1.865	1.802	3.4#	97	0.00
68 T	m/p-Xylenes	0.718	0.717	0.1	98	0.00
69 T	o-Xylene	0.679	0.679	0.0	99	0.00
70 T	Styrene	1.197	1.195	0.2	99	0.00
71 P	Bromoform	0.223	0.226	-1.3	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.397	3.422	-0.7	97	0.00
74 T	N-amyl acetate	0.986	1.003	-1.7	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.807	0.809	-0.2	102	0.00
76 T	1,2,3-Trichloropropane	0.626	0.608	2.9	102	0.00
77 T	Bromobenzene	0.866	0.870	-0.5	98	0.00
78 T	n-propylbenzene	4.124	4.146	-0.5	97	0.00
79 T	2-Chlorotoluene	2.522	2.536	-0.6	98	0.00
80 T	1,3,5-Trimethylbenzene	2.876	2.916	-1.4	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.233	0.243	-4.3	100	0.00
82 T	4-Chlorotoluene	2.699	2.657	1.6	95	0.00
83 T	tert-Butylbenzene	2.439	2.512	-3.0	95	0.00
84 T	1,2,4-Trimethylbenzene	2.975	3.038	-2.1	97	0.00
85 T	sec-Butylbenzene	3.641	3.729	-2.4	97	0.00
86 T	p-Isopropyltoluene	3.096	3.067	0.9	93	0.00
87 T	1,3-Dichlorobenzene	1.744	1.775	-1.8	100	0.00
88 T	1,4-Dichlorobenzene	1.748	1.707	2.3	100	0.00
89 T	n-Butylbenzene	2.952	3.059	-3.6	98	0.00
90 T	Hexachloroethane	0.566	0.570	-0.7	100	0.00
91 T	1,2-Dichlorobenzene	1.544	1.583	-2.5	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.147	-2.8	107	0.00
93 T	1,2,4-Trichlorobenzene	0.987	1.012	-2.5	99	0.00
94 T	Hexachlorobutadiene	0.489	0.481	1.6	93	0.00
95 T	Naphthalene	2.233	2.309	-3.4	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.910	0.9	101	0.00

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