

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071525\
 Data File : VW031862.D
 Acq On : 15 Jul 2025 15:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 16 01:25:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 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	105	0.00
2 T	Dichlorodifluoromethane	0.341	0.364	-6.7	123	0.01
3 P	Chloromethane	0.411	0.434	-5.6	121	0.00
4 C	Vinyl Chloride	0.540	0.557	-3.1#	114	0.00
5 T	Bromomethane	0.421	0.391	7.1	104	0.00
6 T	Chloroethane	0.367	0.350	4.6	106	0.00
7 T	Trichlorofluoromethane	0.490	0.544	-11.0	122	0.00
8 T	Diethyl Ether	0.372	0.377	-1.3	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.544	0.536	1.5	111	0.00
10 T	Methyl Iodide	0.839	0.783	6.7	101	0.00
11 T	Tert butyl alcohol	0.044	0.047	-6.8	105	0.01
12 CM	1,1-Dichloroethene	0.596	0.610	-2.3#	115	0.00
13 T	Acrolein	0.080	0.083	-3.8	104	0.01
14 T	Allyl chloride	0.914	0.890	2.6	104	0.00
15 T	Acrylonitrile	0.183	0.187	-2.2	103	0.01
16 T	Acetone	0.177	0.165	6.8	106	0.02
17 T	Carbon Disulfide	1.594	1.547	2.9	106	0.00
18 T	Methyl Acetate	0.507	0.426	16.0	85	0.00
19 T	Methyl tert-butyl Ether	1.011	1.093	-8.1	111	0.01
20 T	Methylene Chloride	0.814	0.686	15.7	104	0.00
21 T	trans-1,2-Dichloroethene	0.633	0.642	-1.4	110	0.00
22 T	Diisopropyl ether	1.783	1.912	-7.2	112	0.00
23 T	Vinyl Acetate	1.218	1.409	-15.7	118	0.00
24 P	1,1-Dichloroethane	1.156	1.201	-3.9	113	0.00
25 T	2-Butanone	0.231	0.250	-8.2	105	0.00
26 T	2,2-Dichloropropane	0.674	0.621	7.9	99	0.00
27 T	cis-1,2-Dichloroethene	0.728	0.763	-4.8	112	0.00
28 T	Bromochloromethane	0.510	0.559	-9.6	116	0.00
29 T	Tetrahydrofuran	0.158	0.171	-8.2	107	0.00
30 C	Chloroform	1.228	1.275	-3.8#	111	0.00
31 T	Cyclohexane	1.022	1.043	-2.1	117	0.00
32 T	1,1,1-Trichloroethane	0.946	0.928	1.9	105	0.00
33 S	1,2-Dichloroethane-d4	0.718	0.718	0.0	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.326	0.320	1.8	105	0.00
36 T	1,1-Dichloropropene	0.472	0.500	-5.9	117	0.00
37 T	Ethyl Acetate	0.298	0.328	-10.1	115	0.00
38 T	Carbon Tetrachloride	0.481	0.473	1.7	109	0.00
39 T	Methylcyclohexane	0.587	0.648	-10.4	122	0.00
40 TM	Benzene	1.397	1.457	-4.3	113	0.00
41 T	Methacrylonitrile	0.160	0.176	-10.0	107	0.00
42 TM	1,2-Dichloroethane	0.472	0.473	-0.2	108	0.00
43 T	Isopropyl Acetate	0.513	0.578	-12.7	115	0.00
44 TM	Trichloroethene	0.349	0.342	2.0	106	0.00
45 C	1,2-Dichloropropane	0.338	0.354	-4.7#	114	0.00
46 T	Dibromomethane	0.218	0.228	-4.6	111	0.00
47 T	Bromodichloromethane	0.511	0.520	-1.8	108	0.00
48 T	Methyl methacrylate	0.252	0.274	-8.7	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	105	0.00
50 S	Toluene-d8	1.214	1.216	-0.2	107	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.318	-7.8	108	0.00
52 CM	Toluene	0.894	0.938	-4.9#	114	0.00
53 T	t-1,3-Dichloropropene	0.480	0.522	-8.8	112	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.580	-6.6	112	0.00
55 T	1,1,2-Trichloroethane	0.286	0.296	-3.5	110	0.00
56 T	Ethyl methacrylate	0.387	0.462	-19.4	120	0.00
57 T	1,3-Dichloropropane	0.501	0.531	-6.0	115	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.227	-6.6	107	0.00
59 T	2-Hexanone	0.200	0.226	-13.0	110	0.00
60 T	Dibromochloromethane	0.341	0.349	-2.3	106	0.00
61 T	1,2-Dibromoethane	0.286	0.302	-5.6	111	0.00
62 S	4-Bromofluorobenzene	0.447	0.487	-8.9	116	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.327	0.306	6.4	106	0.00
65 PM	Chlorobenzene	1.103	1.101	0.2	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.354	-0.6	110	0.00
67 C	Ethyl Benzene	1.913	1.955	-2.2#	113	0.00
68 T	m/p-Xylenes	0.735	0.734	0.1	110	0.00
69 T	o-Xylene	0.681	0.709	-4.1	113	0.00
70 T	Styrene	1.177	1.240	-5.4	112	0.00
71 P	Bromoform	0.210	0.214	-1.9	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.803	4.039	-6.2	115	0.00
74 T	N-amyl acetate	1.025	1.240	-21.0	124	0.00
75 P	1,1,2,2-Tetrachloroethane	0.844	0.882	-4.5	111	0.00
76 T	1,2,3-Trichloropropane	0.646	0.698	-8.0	114	0.00
77 T	Bromobenzene	0.848	0.840	0.9	114	0.00
78 T	n-propylbenzene	4.554	4.892	-7.4	116	0.00
79 T	2-Chlorotoluene	2.743	2.889	-5.3	114	0.00
80 T	1,3,5-Trimethylbenzene	3.148	3.328	-5.7	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.296	-6.9	108	0.00
82 T	4-Chlorotoluene	2.879	2.951	-2.5	111	0.00
83 T	tert-Butylbenzene	2.697	2.745	-1.8	112	0.00
84 T	1,2,4-Trimethylbenzene	3.190	3.315	-3.9	113	0.00
85 T	sec-Butylbenzene	4.048	4.319	-6.7	115	0.00
86 T	p-Isopropyltoluene	3.336	3.514	-5.3	114	0.00
87 T	1,3-Dichlorobenzene	1.701	1.688	0.8	109	0.00
88 T	1,4-Dichlorobenzene	1.741	1.709	1.8	107	0.00
89 T	n-Butylbenzene	3.241	3.503	-8.1	117	0.00
90 T	Hexachloroethane	0.602	0.612	-1.7	110	0.00
91 T	1,2-Dichlorobenzene	1.555	1.575	-1.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.165	0.163	1.2	104	0.00
93 T	1,2,4-Trichlorobenzene	0.959	1.011	-5.4	115	0.00
94 T	Hexachlorobutadiene	0.463	0.464	-0.2	119	0.00
95 T	Naphthalene	2.351	2.657	-13.0	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.881	0.923	-4.8	114	0.00

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