

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080725\
 Data File : VW032036.D
 Acq On : 07 Aug 2025 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 08 04:05:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 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	0.372	0.372	0.0	101	0.00
3 P	Chloromethane	0.477	0.501	-5.0	112	0.00
4 C	Vinyl Chloride	0.620	0.634	-2.3#	100	0.00
5 T	Bromomethane	0.456	0.467	-2.4	104	0.00
6 T	Chloroethane	0.409	0.420	-2.7	104	-0.01
7 T	Trichlorofluoromethane	0.628	0.519	17.4	74	-0.01
8 T	Diethyl Ether	0.419	0.401	4.3	100	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.646	-7.0	106	-0.01
10 T	Methyl Iodide	0.902	0.904	-0.2	101	0.00
11 T	Tert butyl alcohol	0.044	0.048	-9.1	106	0.00
12 CM	1,1-Dichloroethene	0.667	0.702	-5.2#	106	0.00
13 T	Acrolein	0.065	0.010	84.6#	19#	-0.02
14 T	Allyl chloride	1.038	1.030	0.8	99	-0.01
15 T	Acrylonitrile	0.187	0.187	0.0	99	0.00
16 T	Acetone	0.179	0.176	1.7	103	-0.01
17 T	Carbon Disulfide	1.729	1.770	-2.4	101	0.00
18 T	Methyl Acetate	0.494	0.523	-5.9	107	-0.01
19 T	Methyl tert-butyl Ether	1.152	1.217	-5.6	104	-0.01
20 T	Methylene Chloride	0.944	0.765	19.0	98	0.00
21 T	trans-1,2-Dichloroethene	0.707	0.737	-4.2	104	-0.02
22 T	Diisopropyl ether	2.077	2.130	-2.6	100	0.00
23 T	Vinyl Acetate	1.357	1.369	-0.9	98	-0.01
24 P	1,1-Dichloroethane	1.293	1.363	-5.4	105	0.00
25 T	2-Butanone	0.246	0.248	-0.8	102	0.00
26 T	2,2-Dichloropropane	0.732	0.742	-1.4	97	-0.01
27 T	cis-1,2-Dichloroethene	0.832	0.892	-7.2	105	0.00
28 T	Bromochloromethane	0.541	0.487	10.0	90	0.00
29 T	Tetrahydrofuran	0.161	0.162	-0.6	98	0.00
30 C	Chloroform	1.356	1.433	-5.7#	106	0.00
31 T	Cyclohexane	1.160	1.155	0.4	102	0.00
32 T	1,1,1-Trichloroethane	1.032	1.074	-4.1	103	0.00
33 S	1,2-Dichloroethane-d4	0.756	0.740	2.1	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	-0.01
35 S	Dibromofluoromethane	0.340	0.347	-2.1	104	0.00
36 T	1,1-Dichloropropene	0.522	0.542	-3.8	104	0.00
37 T	Ethyl Acetate	0.298	0.273	8.4	91	0.00
38 T	Carbon Tetrachloride	0.501	0.525	-4.8	104	0.00
39 T	Methylcyclohexane	0.657	0.684	-4.1	102	0.00
40 TM	Benzene	1.545	1.630	-5.5	105	0.00
41 T	Methacrylonitrile	0.178	0.174	2.2	95	0.00
42 TM	1,2-Dichloroethane	0.494	0.495	-0.2	101	0.00
43 T	Isopropyl Acetate	0.539	0.526	2.4	97	0.00
44 TM	Trichloroethene	0.367	0.394	-7.4	107	0.00
45 C	1,2-Dichloropropane	0.372	0.388	-4.3#	106	0.00
46 T	Dibromomethane	0.231	0.241	-4.3	104	0.00
47 T	Bromodichloromethane	0.553	0.582	-5.2	107	0.00
48 T	Methyl methacrylate	0.256	0.253	1.2	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	108	0.00
50 S	Toluene-d8	1.286	1.324	-3.0	106	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.290	1.7	96	0.00
52 CM	Toluene	0.993	1.044	-5.1#	105	0.00
53 T	t-1,3-Dichloropropene	0.530	0.555	-4.7	104	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.635	-4.8	103	0.00
55 T	1,1,2-Trichloroethane	0.306	0.314	-2.6	103	0.00
56 T	Ethyl methacrylate	0.433	0.451	-4.2	100	0.00
57 T	1,3-Dichloropropane	0.540	0.547	-1.3	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.200	9.9	88	0.00
59 T	2-Hexanone	0.205	0.203	1.0	97	0.00
60 T	Dibromochloromethane	0.357	0.371	-3.9	103	0.00
61 T	1,2-Dibromoethane	0.303	0.310	-2.3	102	0.00
62 S	4-Bromofluorobenzene	0.494	0.490	0.8	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.330	0.332	-0.6	106	0.00
65 PM	Chlorobenzene	1.224	1.227	-0.2	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.390	-2.9	107	0.00
67 C	Ethyl Benzene	2.150	2.213	-2.9#	103	0.00
68 T	m/p-Xylenes	0.809	0.850	-5.1	107	0.00
69 T	o-Xylene	0.766	0.801	-4.6	105	0.00
70 T	Styrene	1.304	1.378	-5.7	105	0.00
71 P	Bromoform	0.207	0.209	-1.0	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	4.338	4.467	-3.0	104	0.00
74 T	N-amyl acetate	1.173	1.142	2.6	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.921	0.879	4.6	99	0.00
76 T	1,2,3-Trichloropropane	0.690	0.637	7.7	95	0.00
77 T	Bromobenzene	0.939	0.950	-1.2	108	0.00
78 T	n-propylbenzene	5.328	5.375	-0.9	104	0.00
79 T	2-Chlorotoluene	3.181	3.273	-2.9	108	0.00
80 T	1,3,5-Trimethylbenzene	3.638	3.746	-3.0	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.303	-1.3	104	0.00
82 T	4-Chlorotoluene	3.337	3.363	-0.8	106	0.00
83 T	tert-Butylbenzene	3.099	3.268	-5.5	109	0.00
84 T	1,2,4-Trimethylbenzene	3.683	3.694	-0.3	103	0.00
85 T	sec-Butylbenzene	4.654	4.702	-1.0	105	0.00
86 T	p-Isopropyltoluene	3.847	3.859	-0.3	103	0.00
87 T	1,3-Dichlorobenzene	1.954	1.959	-0.3	106	0.00
88 T	1,4-Dichlorobenzene	1.914	1.845	3.6	104	0.00
89 T	n-Butylbenzene	3.774	3.890	-3.1	105	0.00
90 T	Hexachloroethane	0.665	0.688	-3.5	110	0.00
91 T	1,2-Dichlorobenzene	1.732	1.718	0.8	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.152	8.4	98	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.043	0.1	109	0.00
94 T	Hexachlorobutadiene	0.495	0.479	3.2	101	0.00
95 T	Naphthalene	2.567	2.514	2.1	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.946	0.894	5.5	98	0.00

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