

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031987.D
 Acq On : 04 Aug 2025 09:24
 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 05 01:12:56 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	109	0.00
2 T	Dichlorodifluoromethane	0.372	0.350	5.9	106	0.00
3 P	Chloromethane	0.477	0.475	0.4	119	0.00
4 C	Vinyl Chloride	0.620	0.591	4.7#	105	0.00
5 T	Bromomethane	0.456	0.449	1.5	112	-0.01
6 T	Chloroethane	0.409	0.406	0.7	113	-0.01
7 T	Trichlorofluoromethane	0.628	0.548	12.7	88	-0.01
8 T	Diethyl Ether	0.419	0.397	5.3	111	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.586	3.0	108	-0.01
10 T	Methyl Iodide	0.902	0.891	1.2	112	0.00
11 T	Tert butyl alcohol	0.044	0.045	-2.3	112	0.00
12 CM	1,1-Dichloroethene	0.667	0.641	3.9#	108	0.00
13 T	Acrolein	0.065	0.014	78.5#	28#	0.00
14 T	Allyl chloride	1.038	1.003	3.4	108	-0.01
15 T	Acrylonitrile	0.187	0.181	3.2	108	0.00
16 T	Acetone	0.179	0.181	-1.1	119	0.00
17 T	Carbon Disulfide	1.729	1.772	-2.5	114	-0.01
18 T	Methyl Acetate	0.494	0.497	-0.6	114	0.00
19 T	Methyl tert-butyl Ether	1.152	1.181	-2.5	114	0.00
20 T	Methylene Chloride	0.944	0.702	25.6#	101	0.00
21 T	trans-1,2-Dichloroethene	0.707	0.687	2.8	108	-0.01
22 T	Diisopropyl ether	2.077	2.006	3.4	106	0.00
23 T	Vinyl Acetate	1.357	1.345	0.9	108	-0.01
24 P	1,1-Dichloroethane	1.293	1.249	3.4	108	0.00
25 T	2-Butanone	0.246	0.243	1.2	112	0.00
26 T	2,2-Dichloropropane	0.732	0.712	2.7	105	0.00
27 T	cis-1,2-Dichloroethene	0.832	0.815	2.0	108	0.00
28 T	Bromochloromethane	0.541	0.463	14.4	96	0.00
29 T	Tetrahydrofuran	0.161	0.157	2.5	107	0.00
30 C	Chloroform	1.356	1.335	1.5#	111	0.00
31 T	Cyclohexane	1.160	1.053	9.2	104	0.00
32 T	1,1,1-Trichloroethane	1.032	1.017	1.5	109	0.00
33 S	1,2-Dichloroethane-d4	0.756	0.691	8.6	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.340	0.330	2.9	104	0.00
36 T	1,1-Dichloropropene	0.522	0.527	-1.0	107	0.00
37 T	Ethyl Acetate	0.298	0.289	3.0	101	0.00
38 T	Carbon Tetrachloride	0.501	0.511	-2.0	107	0.00
39 T	Methylcyclohexane	0.657	0.678	-3.2	107	0.00
40 TM	Benzene	1.545	1.582	-2.4	108	0.00
41 T	Methacrylonitrile	0.178	0.176	1.1	102	0.00
42 TM	1,2-Dichloroethane	0.494	0.493	0.2	106	0.00
43 T	Isopropyl Acetate	0.539	0.554	-2.8	108	0.00
44 TM	Trichloroethene	0.367	0.369	-0.5	105	0.00
45 C	1,2-Dichloropropane	0.372	0.382	-2.7#	110	0.00
46 T	Dibromomethane	0.231	0.240	-3.9	110	0.00
47 T	Bromodichloromethane	0.553	0.576	-4.2	111	0.00
48 T	Methyl methacrylate	0.256	0.266	-3.9	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	107	0.00
50 S	Toluene-d8	1.286	1.324	-3.0	112	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.309	-4.7	108	0.00
52 CM	Toluene	0.993	1.037	-4.4#	109	0.00
53 T	t-1,3-Dichloropropene	0.530	0.560	-5.7	111	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.634	-4.6	109	0.00
55 T	1,1,2-Trichloroethane	0.306	0.321	-4.9	110	0.00
56 T	Ethyl methacrylate	0.433	0.471	-8.8	110	0.00
57 T	1,3-Dichloropropane	0.540	0.549	-1.7	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.126	43.2#	58	0.00
59 T	2-Hexanone	0.205	0.217	-5.9	109	0.00
60 T	Dibromochloromethane	0.357	0.393	-10.1	115	0.00
61 T	1,2-Dibromoethane	0.303	0.310	-2.3	108	0.00
62 S	4-Bromofluorobenzene	0.494	0.478	3.2	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.330	0.344	-4.2	115	0.00
65 PM	Chlorobenzene	1.224	1.223	0.1	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.393	-3.7	113	0.00
67 C	Ethyl Benzene	2.150	2.163	-0.6#	106	0.00
68 T	m/p-Xylenes	0.809	0.831	-2.7	110	0.00
69 T	o-Xylene	0.766	0.792	-3.4	108	0.00
70 T	Styrene	1.304	1.338	-2.6	107	0.00
71 P	Bromoform	0.207	0.226	-9.2	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	4.338	4.507	-3.9	105	0.00
74 T	N-amyl acetate	1.173	1.269	-8.2	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.921	0.973	-5.6	109	0.00
76 T	1,2,3-Trichloropropane	0.690	0.697	-1.0	104	0.00
77 T	Bromobenzene	0.939	0.996	-6.1	112	0.00
78 T	n-propylbenzene	5.328	5.592	-5.0	108	0.00
79 T	2-Chlorotoluene	3.181	3.301	-3.8	108	0.00
80 T	1,3,5-Trimethylbenzene	3.638	3.761	-3.4	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.334	-11.7	114	0.00
82 T	4-Chlorotoluene	3.337	3.436	-3.0	107	0.00
83 T	tert-Butylbenzene	3.099	3.269	-5.5	109	0.00
84 T	1,2,4-Trimethylbenzene	3.683	3.832	-4.0	107	0.00
85 T	sec-Butylbenzene	4.654	4.773	-2.6	106	0.00
86 T	p-Isopropyltoluene	3.847	3.864	-0.4	103	0.00
87 T	1,3-Dichlorobenzene	1.954	2.038	-4.3	109	0.00
88 T	1,4-Dichlorobenzene	1.914	2.031	-6.1	114	0.00
89 T	n-Butylbenzene	3.774	3.929	-4.1	105	0.00
90 T	Hexachloroethane	0.665	0.707	-6.3	113	0.00
91 T	1,2-Dichlorobenzene	1.732	1.763	-1.8	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.174	-4.8	111	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.086	-4.0	113	0.00
94 T	Hexachlorobutadiene	0.495	0.535	-8.1	112	0.00
95 T	Naphthalene	2.567	2.749	-7.1	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.946	0.997	-5.4	109	0.00

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