

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080125\
 Data File : VW031971.D
 Acq On : 01 Aug 2025 08:21
 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 01 23:06:09 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	0.424	-14.0	114	0.00
3 P	Chloromethane	0.477	0.550	-15.3	122	0.00
4 C	Vinyl Chloride	0.620	0.631	-1.8#	99	0.00
5 T	Bromomethane	0.456	0.502	-10.1	112	0.00
6 T	Chloroethane	0.409	0.447	-9.3	110	0.00
7 T	Trichlorofluoromethane	0.628	0.556	11.5	79	-0.01
8 T	Diethyl Ether	0.419	0.435	-3.8	108	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.645	-6.8	106	-0.02
10 T	Methyl Iodide	0.902	0.929	-3.0	104	0.00
11 T	Tert butyl alcohol	0.044	0.051	-15.9	114	0.00
12 CM	1,1-Dichloroethene	0.667	0.727	-9.0#	109	0.00
13 T	Acrolein	0.065	0.017	73.8#	31#	-0.02
14 T	Allyl chloride	1.038	1.037	0.1	99	-0.01
15 T	Acrylonitrile	0.187	0.210	-12.3	111	0.00
16 T	Acetone	0.179	0.201	-12.3	117	-0.01
17 T	Carbon Disulfide	1.729	1.915	-10.8	109	0.00
18 T	Methyl Acetate	0.494	0.592	-19.8	120	-0.01
19 T	Methyl tert-butyl Ether	1.152	1.215	-5.5	104	0.00
20 T	Methylene Chloride	0.944	0.764	19.1	98	0.00
21 T	trans-1,2-Dichloroethene	0.707	0.761	-7.6	106	-0.01
22 T	Diisopropyl ether	2.077	2.182	-5.1	102	0.00
23 T	Vinyl Acetate	1.357	1.467	-8.1	104	0.00
24 P	1,1-Dichloroethane	1.293	1.383	-7.0	106	-0.01
25 T	2-Butanone	0.246	0.276	-12.2	113	0.00
26 T	2,2-Dichloropropane	0.732	0.716	2.2	94	0.00
27 T	cis-1,2-Dichloroethene	0.832	0.892	-7.2	104	0.00
28 T	Bromochloromethane	0.541	0.501	7.4	92	0.00
29 T	Tetrahydrofuran	0.161	0.183	-13.7	111	0.00
30 C	Chloroform	1.356	1.479	-9.1#	109	0.00
31 T	Cyclohexane	1.160	1.145	1.3	101	0.00
32 T	1,1,1-Trichloroethane	1.032	1.084	-5.0	104	0.00
33 S	1,2-Dichloroethane-d4	0.756	0.751	0.7	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.340	0.365	-7.4	104	0.00
36 T	1,1-Dichloropropene	0.522	0.573	-9.8	105	0.00
37 T	Ethyl Acetate	0.298	0.328	-10.1	103	0.00
38 T	Carbon Tetrachloride	0.501	0.560	-11.8	106	0.00
39 T	Methylcyclohexane	0.657	0.708	-7.8	100	0.00
40 TM	Benzene	1.545	1.718	-11.2	105	0.00
41 T	Methacrylonitrile	0.178	0.194	-9.0	101	0.00
42 TM	1,2-Dichloroethane	0.494	0.555	-12.3	107	0.00
43 T	Isopropyl Acetate	0.539	0.604	-12.1	106	0.00
44 TM	Trichloroethene	0.367	0.401	-9.3	103	0.00
45 C	1,2-Dichloropropane	0.372	0.415	-11.6#	107	0.00
46 T	Dibromomethane	0.231	0.261	-13.0	107	0.00
47 T	Bromodichloromethane	0.553	0.636	-15.0	111	0.00
48 T	Methyl methacrylate	0.256	0.294	-14.8	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#	125	0.00
50 S	Toluene-d8	1.286	1.350	-5.0	103	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.348	-18.0	110	0.00
52 CM	Toluene	0.993	1.134	-14.2#	108	0.00
53 T	t-1,3-Dichloropropene	0.530	0.592	-11.7	106	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.680	-12.2	105	0.00
55 T	1,1,2-Trichloroethane	0.306	0.352	-15.0	109	0.00
56 T	Ethyl methacrylate	0.433	0.504	-16.4	106	0.00
57 T	1,3-Dichloropropane	0.540	0.616	-14.1	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.223	-0.5	93	0.00
59 T	2-Hexanone	0.205	0.241	-17.6	109	0.00
60 T	Dibromochloromethane	0.357	0.419	-17.4	111	0.00
61 T	1,2-Dibromoethane	0.303	0.340	-12.2	106	0.00
62 S	4-Bromofluorobenzene	0.494	0.495	-0.2	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.330	0.342	-3.6	104	0.00
65 PM	Chlorobenzene	1.224	1.307	-6.8	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.436	-15.0	114	0.00
67 C	Ethyl Benzene	2.150	2.369	-10.2#	105	0.00
68 T	m/p-Xylenes	0.809	0.892	-10.3	107	0.00
69 T	o-Xylene	0.766	0.852	-11.2	105	0.00
70 T	Styrene	1.304	1.488	-14.1	108	0.00
71 P	Bromoform	0.207	0.250	-20.8	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.338	4.606	-6.2	104	0.00
74 T	N-amyl acetate	1.173	1.275	-8.7	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.921	1.020	-10.7	111	0.00
76 T	1,2,3-Trichloropropane	0.690	0.733	-6.2	106	0.00
77 T	Bromobenzene	0.939	1.039	-10.6	114	0.00
78 T	n-propylbenzene	5.328	5.564	-4.4	104	0.00
79 T	2-Chlorotoluene	3.181	3.328	-4.6	106	0.00
80 T	1,3,5-Trimethylbenzene	3.638	3.834	-5.4	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.330	-10.4	110	0.00
82 T	4-Chlorotoluene	3.337	3.500	-4.9	106	0.00
83 T	tert-Butylbenzene	3.099	3.334	-7.6	108	0.00
84 T	1,2,4-Trimethylbenzene	3.683	3.910	-6.2	106	0.00
85 T	sec-Butylbenzene	4.654	4.777	-2.6	103	0.00
86 T	p-Isopropyltoluene	3.847	4.072	-5.8	106	0.00
87 T	1,3-Dichlorobenzene	1.954	2.047	-4.8	107	0.00
88 T	1,4-Dichlorobenzene	1.914	2.007	-4.9	110	0.00
89 T	n-Butylbenzene	3.774	3.941	-4.4	103	0.00
90 T	Hexachloroethane	0.665	0.721	-8.4	112	0.00
91 T	1,2-Dichlorobenzene	1.732	1.810	-4.5	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.183	-10.2	114	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.113	-6.6	113	0.00
94 T	Hexachlorobutadiene	0.495	0.509	-2.8	104	0.00
95 T	Naphthalene	2.567	2.835	-10.4	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.946	1.014	-7.2	108	0.00

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