

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072825\
 Data File : VW031939.D
 Acq On : 28 Jul 2025 11:03
 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: Jul 29 01:16:57 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	94	-0.01
2 T	Dichlorodifluoromethane	0.372	0.349	6.2	92	0.00
3 P	Chloromethane	0.477	0.437	8.4	95	0.00
4 C	Vinyl Chloride	0.620	0.627	-1.1#	96	0.00
5 T	Bromomethane	0.456	0.447	2.0	97	0.00
6 T	Chloroethane	0.409	0.417	-2.0	100	0.00
7 T	Trichlorofluoromethane	0.628	0.519	17.4	72	-0.01
8 T	Diethyl Ether	0.419	0.411	1.9	100	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.617	-2.2	99	-0.02
10 T	Methyl Iodide	0.902	0.883	2.1	96	0.00
11 T	Tert butyl alcohol	0.044	0.051	-15.9	111	0.00
12 CM	1,1-Dichloroethene	0.667	0.681	-2.1#	100	0.00
13 T	Acrolein	0.065	0.033	49.2#	59	-0.02
14 T	Allyl chloride	1.038	1.070	-3.1	100	0.00
15 T	Acrylonitrile	0.187	0.203	-8.6	105	0.00
16 T	Acetone	0.179	0.189	-5.6	107	0.00
17 T	Carbon Disulfide	1.729	1.744	-0.9	97	0.00
18 T	Methyl Acetate	0.494	0.585	-18.4	116	-0.01
19 T	Methyl tert-butyl Ether	1.152	1.284	-11.5	107	0.00
20 T	Methylene Chloride	0.944	0.736	22.0	92	0.00
21 T	trans-1,2-Dichloroethene	0.707	0.724	-2.4	99	0.00
22 T	Diisopropyl ether	2.077	2.145	-3.3	98	0.00
23 T	Vinyl Acetate	1.357	1.439	-6.0	100	-0.01
24 P	1,1-Dichloroethane	1.293	1.344	-3.9	100	0.00
25 T	2-Butanone	0.246	0.274	-11.4	110	0.00
26 T	2,2-Dichloropropane	0.732	0.760	-3.8	97	0.00
27 T	cis-1,2-Dichloroethene	0.832	0.863	-3.7	99	0.00
28 T	Bromochloromethane	0.541	0.543	-0.4	98	0.00
29 T	Tetrahydrofuran	0.161	0.179	-11.2	106	0.00
30 C	Chloroform	1.356	1.409	-3.9#	101	0.00
31 T	Cyclohexane	1.160	1.137	2.0	98	0.00
32 T	1,1,1-Trichloroethane	1.032	1.096	-6.2	102	0.00
33 S	1,2-Dichloroethane-d4	0.756	0.733	3.0	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.340	0.319	6.2	95	0.00
36 T	1,1-Dichloropropene	0.522	0.525	-0.6	100	0.00
37 T	Ethyl Acetate	0.298	0.304	-2.0	100	0.00
38 T	Carbon Tetrachloride	0.501	0.506	-1.0	99	0.00
39 T	Methylcyclohexane	0.657	0.675	-2.7	100	0.00
40 TM	Benzene	1.545	1.573	-1.8	100	0.00
41 T	Methacrylonitrile	0.178	0.177	0.6	96	0.00
42 TM	1,2-Dichloroethane	0.494	0.495	-0.2	100	0.00
43 T	Isopropyl Acetate	0.539	0.564	-4.6	103	0.00
44 TM	Trichloroethene	0.367	0.380	-3.5	101	0.00
45 C	1,2-Dichloropropane	0.372	0.371	0.3#	100	0.00
46 T	Dibromomethane	0.231	0.238	-3.0	102	0.00
47 T	Bromodichloromethane	0.553	0.578	-4.5	105	0.00
48 T	Methyl methacrylate	0.256	0.273	-6.6	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	105	0.00
50 S	Toluene-d8	1.286	1.186	7.8	94	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.318	-7.8	104	0.00
52 CM	Toluene	0.993	0.998	-0.5#	99	0.00
53 T	t-1,3-Dichloropropene	0.530	0.557	-5.1	103	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.631	-4.1	102	0.00
55 T	1,1,2-Trichloroethane	0.306	0.320	-4.6	103	0.00
56 T	Ethyl methacrylate	0.433	0.464	-7.2	102	0.00
57 T	1,3-Dichloropropane	0.540	0.547	-1.3	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.249	-12.2	108	0.00
59 T	2-Hexanone	0.205	0.226	-10.2	106	0.00
60 T	Dibromochloromethane	0.357	0.367	-2.8	101	0.00
61 T	1,2-Dibromoethane	0.303	0.308	-1.7	100	0.00
62 S	4-Bromofluorobenzene	0.494	0.472	4.5	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.330	0.349	-5.8	105	0.00
65 PM	Chlorobenzene	1.224	1.259	-2.9	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.401	-5.8	104	0.00
67 C	Ethyl Benzene	2.150	2.209	-2.7#	97	0.00
68 T	m/p-Xylenes	0.809	0.847	-4.7	101	0.00
69 T	o-Xylene	0.766	0.795	-3.8	98	0.00
70 T	Styrene	1.304	1.383	-6.1	100	0.00
71 P	Bromoform	0.207	0.242	-16.9	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	4.338	4.093	5.6	97	0.00
74 T	N-amyl acetate	1.173	1.192	-1.6	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.921	0.893	3.0	102	0.00
76 T	1,2,3-Trichloropropane	0.690	0.674	2.3	102	0.00
77 T	Bromobenzene	0.939	0.887	5.5	102	0.00
78 T	n-propylbenzene	5.328	5.043	5.3	99	0.00
79 T	2-Chlorotoluene	3.181	3.050	4.1	102	0.00
80 T	1,3,5-Trimethylbenzene	3.638	3.465	4.8	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.305	-2.0	106	0.00
82 T	4-Chlorotoluene	3.337	3.134	6.1	100	0.00
83 T	tert-Butylbenzene	3.099	3.029	2.3	103	0.00
84 T	1,2,4-Trimethylbenzene	3.683	3.541	3.9	100	0.00
85 T	sec-Butylbenzene	4.654	4.414	5.2	100	0.00
86 T	p-Isopropyltoluene	3.847	3.661	4.8	100	0.00
87 T	1,3-Dichlorobenzene	1.954	1.822	6.8	100	0.00
88 T	1,4-Dichlorobenzene	1.914	1.791	6.4	103	0.00
89 T	n-Butylbenzene	3.774	3.600	4.6	98	0.00
90 T	Hexachloroethane	0.665	0.669	-0.6	109	0.00
91 T	1,2-Dichlorobenzene	1.732	1.612	6.9	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.160	3.6	104	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.005	3.7	107	0.00
94 T	Hexachlorobutadiene	0.495	0.472	4.6	101	0.00
95 T	Naphthalene	2.567	2.552	0.6	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.946	0.907	4.1	101	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6