

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032004.D
 Acq On : 05 Aug 2025 09:05
 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 06 03:50:12 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	90	-0.01
2 T	Dichlorodifluoromethane	0.372	0.399	-7.3	100	0.00
3 P	Chloromethane	0.477	0.557	-16.8	116	0.00
4 C	Vinyl Chloride	0.620	0.688	-11.0#	101	0.00
5 T	Bromomethane	0.456	0.523	-14.7	109	-0.01
6 T	Chloroethane	0.409	0.479	-17.1	110	-0.01
7 T	Trichlorofluoromethane	0.628	0.619	1.4	82	-0.01
8 T	Diethyl Ether	0.419	0.445	-6.2	103	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.694	-14.9	106	-0.01
10 T	Methyl Iodide	0.902	1.000	-10.9	104	0.00
11 T	Tert butyl alcohol	0.044	0.045	-2.3	94	-0.01
12 CM	1,1-Dichloroethene	0.667	0.764	-14.5#	107	0.00
13 T	Acrolein	0.065	0.014	78.5#	24#	-0.01
14 T	Allyl chloride	1.038	1.142	-10.0	102	0.00
15 T	Acrylonitrile	0.187	0.199	-6.4	98	0.00
16 T	Acetone	0.179	0.182	-1.7	99	-0.01
17 T	Carbon Disulfide	1.729	2.024	-17.1	108	-0.01
18 T	Methyl Acetate	0.494	0.593	-20.0	112	-0.01
19 T	Methyl tert-butyl Ether	1.152	1.323	-14.8	105	0.00
20 T	Methylene Chloride	0.944	0.824	12.7	98	0.00
21 T	trans-1,2-Dichloroethene	0.707	0.795	-12.4	104	-0.02
22 T	Diisopropyl ether	2.077	2.340	-12.7	102	0.00
23 T	Vinyl Acetate	1.357	1.443	-6.3	96	-0.01
24 P	1,1-Dichloroethane	1.293	1.476	-14.2	105	0.00
25 T	2-Butanone	0.246	0.246	0.0	94	0.00
26 T	2,2-Dichloropropane	0.732	0.813	-11.1	99	0.00
27 T	cis-1,2-Dichloroethene	0.832	0.943	-13.3	103	0.00
28 T	Bromochloromethane	0.541	0.530	2.0	91	0.00
29 T	Tetrahydrofuran	0.161	0.170	-5.6	96	0.00
30 C	Chloroform	1.356	1.559	-15.0#	107	0.00
31 T	Cyclohexane	1.160	1.246	-7.4	102	0.00
32 T	1,1,1-Trichloroethane	1.032	1.196	-15.9	107	0.00
33 S	1,2-Dichloroethane-d4	0.756	0.792	-4.8	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.340	0.378	-11.2	104	0.00
36 T	1,1-Dichloropropene	0.522	0.589	-12.8	104	0.00
37 T	Ethyl Acetate	0.298	0.303	-1.7	92	0.00
38 T	Carbon Tetrachloride	0.501	0.574	-14.6	105	0.00
39 T	Methylcyclohexane	0.657	0.730	-11.1	100	0.00
40 TM	Benzene	1.545	1.796	-16.2	106	0.00
41 T	Methacrylonitrile	0.178	0.166	6.7	83	0.00
42 TM	1,2-Dichloroethane	0.494	0.550	-11.3	103	0.00
43 T	Isopropyl Acetate	0.539	0.558	-3.5	95	0.00
44 TM	Trichloroethene	0.367	0.417	-13.6	103	0.00
45 C	1,2-Dichloropropane	0.372	0.425	-14.2#	106	0.00
46 T	Dibromomethane	0.231	0.260	-12.6	103	0.00
47 T	Bromodichloromethane	0.553	0.633	-14.5	106	0.00
48 T	Methyl methacrylate	0.256	0.273	-6.6	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	96	0.00
50 S	Toluene-d8	1.286	1.408	-9.5	103	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.312	-5.8	95	0.00
52 CM	Toluene	0.993	1.161	-16.9#	107	0.00
53 T	t-1,3-Dichloropropene	0.530	0.592	-11.7	102	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.688	-13.5	103	0.00
55 T	1,1,2-Trichloroethane	0.306	0.348	-13.7	104	0.00
56 T	Ethyl methacrylate	0.433	0.471	-8.8	96	0.00
57 T	1,3-Dichloropropane	0.540	0.596	-10.4	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.215	3.2	87	0.00
59 T	2-Hexanone	0.205	0.211	-2.9	92	0.00
60 T	Dibromochloromethane	0.357	0.428	-19.9	110	0.00
61 T	1,2-Dibromoethane	0.303	0.339	-11.9	102	0.00
62 S	4-Bromofluorobenzene	0.494	0.517	-4.7	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.330	0.372	-12.7	109	0.00
65 PM	Chlorobenzene	1.224	1.323	-8.1	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.433	-14.2	109	0.00
67 C	Ethyl Benzene	2.150	2.375	-10.5#	101	0.00
68 T	m/p-Xylenes	0.809	0.935	-15.6	108	0.00
69 T	o-Xylene	0.766	0.860	-12.3	103	0.00
70 T	Styrene	1.304	1.526	-17.0	106	0.00
71 P	Bromoform	0.207	0.242	-16.9	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	4.338	4.754	-9.6	100	0.00
74 T	N-amyl acetate	1.173	1.217	-3.8	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.921	0.994	-7.9	101	0.00
76 T	1,2,3-Trichloropropane	0.690	0.729	-5.7	98	0.00
77 T	Bromobenzene	0.939	1.113	-18.5	114	0.00
78 T	n-propylbenzene	5.328	5.961	-11.9	104	0.00
79 T	2-Chlorotoluene	3.181	3.525	-10.8	105	0.00
80 T	1,3,5-Trimethylbenzene	3.638	3.921	-7.8	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.315	-5.4	98	0.00
82 T	4-Chlorotoluene	3.337	3.691	-10.6	105	0.00
83 T	tert-Butylbenzene	3.099	3.463	-11.7	104	0.00
84 T	1,2,4-Trimethylbenzene	3.683	4.145	-12.5	104	0.00
85 T	sec-Butylbenzene	4.654	5.109	-9.8	103	0.00
86 T	p-Isopropyltoluene	3.847	4.178	-8.6	101	0.00
87 T	1,3-Dichlorobenzene	1.954	2.207	-12.9	107	0.00
88 T	1,4-Dichlorobenzene	1.914	2.084	-8.9	106	0.00
89 T	n-Butylbenzene	3.774	4.119	-9.1	100	0.00
90 T	Hexachloroethane	0.665	0.723	-8.7	104	0.00
91 T	1,2-Dichlorobenzene	1.732	1.948	-12.5	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.168	-1.2	97	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.105	-5.8	104	0.00
94 T	Hexachlorobutadiene	0.495	0.519	-4.8	99	0.00
95 T	Naphthalene	2.567	2.716	-5.8	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.946	1.023	-8.1	102	0.00

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