

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031836.D
 Acq On : 14 Jul 2025 09:17
 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 15 02:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 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	102	0.00
2 T	Dichlorodifluoromethane	0.341	0.280	17.9	92	0.00
3 P	Chloromethane	0.411	0.378	8.0	102	0.00
4 C	Vinyl Chloride	0.540	0.531	1.7#	105	0.00
5 T	Bromomethane	0.421	0.400	5.0	103	0.00
6 T	Chloroethane	0.367	0.358	2.5	105	0.00
7 T	Trichlorofluoromethane	0.490	0.456	6.9	99	0.00
8 T	Diethyl Ether	0.372	0.391	-5.1	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.544	0.533	2.0	107	0.00
10 T	Methyl Iodide	0.839	0.786	6.3	98	-0.01
11 T	Tert butyl alcohol	0.044	0.042	4.5	91	0.01
12 CM	1,1-Dichloroethene	0.596	0.589	1.2#	108	0.00
13 T	Acrolein	0.080	0.065	18.8	80	0.00
14 T	Allyl chloride	0.914	0.956	-4.6	109	0.00
15 T	Acrylonitrile	0.183	0.182	0.5	97	0.00
16 T	Acetone	0.177	0.145	18.1	91	0.00
17 T	Carbon Disulfide	1.594	1.487	6.7	98	0.00
18 T	Methyl Acetate	0.507	0.534	-5.3	103	0.00
19 T	Methyl tert-butyl Ether	1.011	1.128	-11.6	111	0.00
20 T	Methylene Chloride	0.814	0.750	7.9	110	0.00
21 T	trans-1,2-Dichloroethene	0.633	0.635	-0.3	105	0.00
22 T	Diisopropyl ether	1.783	2.005	-12.5	114	0.00
23 T	Vinyl Acetate	1.218	1.296	-6.4	105	0.00
24 P	1,1-Dichloroethane	1.156	1.213	-4.9	111	0.00
25 T	2-Butanone	0.231	0.228	1.3	93	0.00
26 T	2,2-Dichloropropane	0.674	0.662	1.8	103	0.00
27 T	cis-1,2-Dichloroethene	0.728	0.791	-8.7	112	0.00
28 T	Bromochloromethane	0.510	0.541	-6.1	109	0.00
29 T	Tetrahydrofuran	0.158	0.158	0.0	96	0.00
30 C	Chloroform	1.228	1.308	-6.5#	110	0.00
31 T	Cyclohexane	1.022	0.980	4.1	106	0.00
32 T	1,1,1-Trichloroethane	0.946	0.958	-1.3	105	0.00
33 S	1,2-Dichloroethane-d4	0.718	0.717	0.1	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.326	0.332	-1.8	103	0.00
36 T	1,1-Dichloropropene	0.472	0.491	-4.0	109	0.00
37 T	Ethyl Acetate	0.298	0.299	-0.3	100	0.00
38 T	Carbon Tetrachloride	0.481	0.486	-1.0	106	0.00
39 T	Methylcyclohexane	0.587	0.596	-1.5	106	0.00
40 TM	Benzene	1.397	1.493	-6.9	109	0.00
41 T	Methacrylonitrile	0.160	0.168	-5.0	97	0.00
42 TM	1,2-Dichloroethane	0.472	0.504	-6.8	110	0.00
43 T	Isopropyl Acetate	0.513	0.541	-5.5	102	0.00
44 TM	Trichloroethene	0.349	0.356	-2.0	104	0.00
45 C	1,2-Dichloropropane	0.338	0.370	-9.5#	113	0.00
46 T	Dibromomethane	0.218	0.232	-6.4	107	0.00
47 T	Bromodichloromethane	0.511	0.557	-9.0	110	0.00
48 T	Methyl methacrylate	0.252	0.269	-6.7	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	100	0.00
50 S	Toluene-d8	1.214	1.228	-1.2	102	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.307	-4.1	99	0.00
52 CM	Toluene	0.894	0.965	-7.9#	111	0.00
53 T	t-1,3-Dichloropropene	0.480	0.537	-11.9	109	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.609	-11.9	112	0.00
55 T	1,1,2-Trichloroethane	0.286	0.308	-7.7	109	0.00
56 T	Ethyl methacrylate	0.387	0.445	-15.0	109	0.00
57 T	1,3-Dichloropropane	0.501	0.545	-8.8	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.222	-4.2	100	0.00
59 T	2-Hexanone	0.200	0.211	-5.5	97	0.00
60 T	Dibromochloromethane	0.341	0.372	-9.1	107	0.00
61 T	1,2-Dibromoethane	0.286	0.299	-4.5	104	0.00
62 S	4-Bromofluorobenzene	0.447	0.466	-4.3	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.327	0.316	3.4	101	0.00
65 PM	Chlorobenzene	1.103	1.152	-4.4	109	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.372	-5.7	106	0.00
67 C	Ethyl Benzene	1.913	2.034	-6.3#	108	0.00
68 T	m/p-Xylenes	0.735	0.786	-6.9	108	0.00
69 T	o-Xylene	0.681	0.751	-10.3	110	0.00
70 T	Styrene	1.177	1.279	-8.7	106	0.00
71 P	Bromoform	0.210	0.216	-2.9	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.803	4.171	-9.7	106	0.00
74 T	N-amyl acetate	1.025	1.197	-16.8	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.844	0.921	-9.1	104	0.00
76 T	1,2,3-Trichloropropane	0.646	0.695	-7.6	101	0.00
77 T	Bromobenzene	0.848	0.907	-7.0	110	0.00
78 T	n-propylbenzene	4.554	5.040	-10.7	108	0.00
79 T	2-Chlorotoluene	2.743	3.159	-15.2	112	0.00
80 T	1,3,5-Trimethylbenzene	3.148	3.550	-12.8	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.312	-12.6	102	0.00
82 T	4-Chlorotoluene	2.879	3.227	-12.1	109	0.00
83 T	tert-Butylbenzene	2.697	3.063	-13.6	112	0.00
84 T	1,2,4-Trimethylbenzene	3.190	3.617	-13.4	110	0.00
85 T	sec-Butylbenzene	4.048	4.463	-10.3	107	0.00
86 T	p-Isopropyltoluene	3.336	3.617	-8.4	105	0.00
87 T	1,3-Dichlorobenzene	1.701	1.869	-9.9	108	0.00
88 T	1,4-Dichlorobenzene	1.741	1.813	-4.1	101	0.00
89 T	n-Butylbenzene	3.241	3.591	-10.8	108	0.00
90 T	Hexachloroethane	0.602	0.650	-8.0	105	0.00
91 T	1,2-Dichlorobenzene	1.555	1.670	-7.4	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.165	0.166	-0.6	95	0.00
93 T	1,2,4-Trichlorobenzene	0.959	0.982	-2.4	100	0.00
94 T	Hexachlorobutadiene	0.463	0.466	-0.6	107	0.00
95 T	Naphthalene	2.351	2.557	-8.8	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.881	0.953	-8.2	105	0.00

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