

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031834.D
 Acq On : 11 Jul 2025 20:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleID :
 VSTDCCC050

Quant Time: Jul 11 23:49:30 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	92	0.00
2 T	Dichlorodifluoromethane	0.341	0.298	12.6	89	0.00
3 P	Chloromethane	0.411	0.404	1.7	99	0.00
4 C	Vinyl Chloride	0.540	0.527	2.4#	95	0.00
5 T	Bromomethane	0.421	0.385	8.6	90	0.00
6 T	Chloroethane	0.367	0.348	5.2	93	0.00
7 T	Trichlorofluoromethane	0.490	0.458	6.5	90	0.00
8 T	Diethyl Ether	0.372	0.410	-10.2	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.544	0.521	4.2	95	0.00
10 T	Methyl Iodide	0.839	0.804	4.2	91	0.00
11 T	Tert butyl alcohol	0.044	0.045	-2.3	88	0.00
12 CM	1,1-Dichloroethene	0.596	0.580	2.7#	96	0.01
13 T	Acrolein	0.080	0.034	57.5#	38#	0.01
14 T	Allyl chloride	0.914	0.968	-5.9	100	0.00
15 T	Acrylonitrile	0.183	0.199	-8.7	96	0.01
16 T	Acetone	0.177	0.145	18.1	82	0.01
17 T	Carbon Disulfide	1.594	1.441	9.6	87	0.00
18 T	Methyl Acetate	0.507	0.691	-36.3#	121	0.00
19 T	Methyl tert-butyl Ether	1.011	1.206	-19.3	108	0.01
20 T	Methylene Chloride	0.814	0.815	-0.1	109	0.00
21 T	trans-1,2-Dichloroethene	0.633	0.670	-5.8	101	0.00
22 T	Diisopropyl ether	1.783	2.160	-21.1	111	0.00
23 T	Vinyl Acetate	1.218	1.333	-9.4	98	0.00
24 P	1,1-Dichloroethane	1.156	1.278	-10.6	106	0.00
25 T	2-Butanone	0.231	0.253	-9.5	94	0.00
26 T	2,2-Dichloropropane	0.674	0.589	12.6	83	0.00
27 T	cis-1,2-Dichloroethene	0.728	0.857	-17.7	111	0.00
28 T	Bromochloromethane	0.510	0.600	-17.6	110	0.00
29 T	Tetrahydrofuran	0.158	0.178	-12.7	98	0.00
30 C	Chloroform	1.228	1.393	-13.4#	107	0.00
31 T	Cyclohexane	1.022	0.969	5.2	95	0.00
32 T	1,1,1-Trichloroethane	0.946	0.957	-1.2	96	0.00
33 S	1,2-Dichloroethane-d4	0.718	0.809	-12.7	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.326	0.325	0.3	103	0.00
36 T	1,1-Dichloropropene	0.472	0.445	5.7	100	0.00
37 T	Ethyl Acetate	0.298	0.286	4.0	97	0.00
38 T	Carbon Tetrachloride	0.481	0.420	12.7	94	0.00
39 T	Methylcyclohexane	0.587	0.547	6.8	99	0.00
40 TM	Benzene	1.397	1.429	-2.3	107	0.00
41 T	Methacrylonitrile	0.160	0.172	-7.5	101	0.00
42 TM	1,2-Dichloroethane	0.472	0.480	-1.7	107	0.00
43 T	Isopropyl Acetate	0.513	0.541	-5.5	104	0.00
44 TM	Trichloroethene	0.349	0.337	3.4	101	0.00
45 C	1,2-Dichloropropane	0.338	0.350	-3.6#	109	0.00
46 T	Dibromomethane	0.218	0.225	-3.2	106	0.00
47 T	Bromodichloromethane	0.511	0.521	-2.0	105	0.00
48 T	Methyl methacrylate	0.252	0.270	-7.1	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	95	0.00
50 S	Toluene-d8	1.214	1.227	-1.1	104	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.308	-4.4	101	0.00
52 CM	Toluene	0.894	0.911	-1.9#	107	0.00
53 T	t-1,3-Dichloropropene	0.480	0.504	-5.0	104	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.559	-2.8	105	0.00
55 T	1,1,2-Trichloroethane	0.286	0.298	-4.2	107	0.00
56 T	Ethyl methacrylate	0.387	0.446	-15.2	112	0.00
57 T	1,3-Dichloropropane	0.501	0.534	-6.6	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.233	-9.4	107	0.00
59 T	2-Hexanone	0.200	0.215	-7.5	101	0.00
60 T	Dibromochloromethane	0.341	0.345	-1.2	101	0.00
61 T	1,2-Dibromoethane	0.286	0.296	-3.5	105	0.00
62 S	4-Bromofluorobenzene	0.447	0.471	-5.4	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.327	0.298	8.9	96	0.00
65 PM	Chlorobenzene	1.103	1.134	-2.8	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.358	-1.7	104	0.00
67 C	Ethyl Benzene	1.913	1.929	-0.8#	104	0.00
68 T	m/p-Xylenes	0.735	0.742	-1.0	104	0.00
69 T	o-Xylene	0.681	0.733	-7.6	109	0.00
70 T	Styrene	1.177	1.275	-8.3	107	0.00
71 P	Bromoform	0.210	0.211	-0.5	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.803	3.961	-4.2	105	0.00
74 T	N-amyl acetate	1.025	1.140	-11.2	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.844	0.902	-6.9	106	0.00
76 T	1,2,3-Trichloropropane	0.646	0.706	-9.3	107	0.00
77 T	Bromobenzene	0.848	0.910	-7.3	115	0.00
78 T	n-propylbenzene	4.554	4.669	-2.5	104	0.00
79 T	2-Chlorotoluene	2.743	2.975	-8.5	110	0.00
80 T	1,3,5-Trimethylbenzene	3.148	3.287	-4.4	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.266	4.0	90	0.00
82 T	4-Chlorotoluene	2.879	3.003	-4.3	105	0.00
83 T	tert-Butylbenzene	2.697	2.785	-3.3	106	0.00
84 T	1,2,4-Trimethylbenzene	3.190	3.323	-4.2	105	0.00
85 T	sec-Butylbenzene	4.048	4.080	-0.8	101	0.00
86 T	p-Isopropyltoluene	3.336	3.381	-1.3	102	0.00
87 T	1,3-Dichlorobenzene	1.701	1.706	-0.3	103	0.00
88 T	1,4-Dichlorobenzene	1.741	1.754	-0.7	102	0.00
89 T	n-Butylbenzene	3.241	3.290	-1.5	103	0.00
90 T	Hexachloroethane	0.602	0.579	3.8	97	0.00
91 T	1,2-Dichlorobenzene	1.555	1.653	-6.3	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.165	0.159	3.6	94	0.00
93 T	1,2,4-Trichlorobenzene	0.959	0.954	0.5	101	0.00
94 T	Hexachlorobutadiene	0.463	0.398	14.0	95	0.00
95 T	Naphthalene	2.351	2.621	-11.5	108	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.881	0.922	-4.7	106	0.00

(#) = Out of Range

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