

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070225\
 Data File : VW031756.D
 Acq On : 02 Jul 2025 15:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 03 06:11:21 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	0.310	9.1	102	0.00
3 P	Chloromethane	0.411	0.378	8.0	103	0.00
4 C	Vinyl Chloride	0.540	0.526	2.6#	104	0.00
5 T	Bromomethane	0.421	0.383	9.0	99	0.00
6 T	Chloroethane	0.367	0.346	5.7	102	0.00
7 T	Trichlorofluoromethane	0.490	0.460	6.1	100	0.00
8 T	Diethyl Ether	0.372	0.328	11.8	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.544	0.521	4.2	104	0.00
10 T	Methyl Iodide	0.839	0.790	5.8	99	0.00
11 T	Tert butyl alcohol	0.044	0.038	13.6	83	0.00
12 CM	1,1-Dichloroethene	0.596	0.585	1.8#	107	0.00
13 T	Acrolein	0.080	0.060	25.0#	74	0.00
14 T	Allyl chloride	0.914	0.890	2.6	101	0.00
15 T	Acrylonitrile	0.183	0.166	9.3	89	0.00
16 T	Acetone	0.177	0.160	9.6	100	0.00
17 T	Carbon Disulfide	1.594	1.503	5.7	100	0.00
18 T	Methyl Acetate	0.507	0.383	24.5	74	0.00
19 T	Methyl tert-butyl Ether	1.011	0.954	5.6	94	0.00
20 T	Methylene Chloride	0.814	0.674	17.2	99	0.00
21 T	trans-1,2-Dichloroethene	0.633	0.603	4.7	100	0.00
22 T	Diisopropyl ether	1.783	1.711	4.0	97	0.00
23 T	Vinyl Acetate	1.218	1.201	1.4	97	0.00
24 P	1,1-Dichloroethane	1.156	1.108	4.2	101	0.00
25 T	2-Butanone	0.231	0.211	8.7	87	0.00
26 T	2,2-Dichloropropane	0.674	0.638	5.3	99	0.00
27 T	cis-1,2-Dichloroethene	0.728	0.697	4.3	99	0.00
28 T	Bromochloromethane	0.510	0.480	5.9	97	0.00
29 T	Tetrahydrofuran	0.158	0.142	10.1	86	0.00
30 C	Chloroform	1.228	1.163	5.3#	98	0.00
31 T	Cyclohexane	1.022	0.947	7.3	103	0.00
32 T	1,1,1-Trichloroethane	0.946	0.905	4.3	100	0.00
33 S	1,2-Dichloroethane-d4	0.718	0.689	4.0	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.326	0.329	-0.9	99	0.00
36 T	1,1-Dichloropropene	0.472	0.486	-3.0	104	0.00
37 T	Ethyl Acetate	0.298	0.295	1.0	95	0.00
38 T	Carbon Tetrachloride	0.481	0.488	-1.5	103	0.00
39 T	Methylcyclohexane	0.587	0.613	-4.4	106	0.00
40 TM	Benzene	1.397	1.378	1.4	98	0.00
41 T	Methacrylonitrile	0.160	0.164	-2.5	92	0.00
42 TM	1,2-Dichloroethane	0.472	0.456	3.4	96	0.00
43 T	Isopropyl Acetate	0.513	0.505	1.6	92	0.00
44 TM	Trichloroethene	0.349	0.341	2.3	97	0.00
45 C	1,2-Dichloropropane	0.338	0.327	3.3#	96	0.00
46 T	Dibromomethane	0.218	0.217	0.5	97	0.00
47 T	Bromodichloromethane	0.511	0.509	0.4	97	0.00
48 T	Methyl methacrylate	0.252	0.236	6.3	88	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	77	0.00
50 S	Toluene-d8	1.214	1.260	-3.8	102	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.282	4.4	88	0.00
52 CM	Toluene	0.894	0.912	-2.0#	102	0.00
53 T	t-1,3-Dichloropropene	0.480	0.491	-2.3	97	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.548	-0.7	97	0.00
55 T	1,1,2-Trichloroethane	0.286	0.273	4.5	93	0.00
56 T	Ethyl methacrylate	0.387	0.399	-3.1	95	0.00
57 T	1,3-Dichloropropane	0.501	0.484	3.4	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.220	-3.3	96	0.00
59 T	2-Hexanone	0.200	0.197	1.5	88	0.00
60 T	Dibromochloromethane	0.341	0.331	2.9	92	0.00
61 T	1,2-Dibromoethane	0.286	0.274	4.2	93	0.00
62 S	4-Bromofluorobenzene	0.447	0.460	-2.9	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.327	0.319	2.4	99	0.00
65 PM	Chlorobenzene	1.103	1.092	1.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.358	-1.7	100	0.00
67 C	Ethyl Benzene	1.913	1.935	-1.2#	100	0.00
68 T	m/p-Xylenes	0.735	0.743	-1.1	100	0.00
69 T	o-Xylene	0.681	0.684	-0.4	98	0.00
70 T	Styrene	1.177	1.217	-3.4	98	0.00
71 P	Bromoform	0.210	0.205	2.4	91	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.803	4.030	-6.0	102	0.00
74 T	N-amyl acetate	1.025	1.080	-5.4	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.844	0.830	1.7	93	0.00
76 T	1,2,3-Trichloropropane	0.646	0.623	3.6	90	0.00
77 T	Bromobenzene	0.848	0.878	-3.5	106	0.00
78 T	n-propylbenzene	4.554	4.902	-7.6	103	0.00
79 T	2-Chlorotoluene	2.743	2.879	-5.0	101	0.00
80 T	1,3,5-Trimethylbenzene	3.148	3.323	-5.6	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.282	-1.8	91	0.00
82 T	4-Chlorotoluene	2.879	2.893	-0.5	97	0.00
83 T	tert-Butylbenzene	2.697	2.880	-6.8	104	0.00
84 T	1,2,4-Trimethylbenzene	3.190	3.390	-6.3	102	0.00
85 T	sec-Butylbenzene	4.048	4.279	-5.7	101	0.00
86 T	p-Isopropyltoluene	3.336	3.507	-5.1	101	0.00
87 T	1,3-Dichlorobenzene	1.701	1.739	-2.2	100	0.00
88 T	1,4-Dichlorobenzene	1.741	1.722	1.1	95	0.00
89 T	n-Butylbenzene	3.241	3.513	-8.4	104	0.00
90 T	Hexachloroethane	0.602	0.628	-4.3	100	0.00
91 T	1,2-Dichlorobenzene	1.555	1.563	-0.5	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.165	0.154	6.7	87	0.00
93 T	1,2,4-Trichlorobenzene	0.959	0.985	-2.7	99	0.00
94 T	Hexachlorobutadiene	0.463	0.520	-12.3	118	0.00
95 T	Naphthalene	2.351	2.442	-3.9	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.881	0.902	-2.4	99	0.00

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