

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031789.D
 Acq On : 09 Jul 2025 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 10 01:40:26 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	88	0.00
2 T	Dichlorodifluoromethane	0.341	0.297	12.9	84	0.00
3 P	Chloromethane	0.411	0.398	3.2	93	0.00
4 C	Vinyl Chloride	0.540	0.539	0.2#	93	0.00
5 T	Bromomethane	0.421	0.403	4.3	90	0.00
6 T	Chloroethane	0.367	0.377	-2.7	96	0.00
7 T	Trichlorofluoromethane	0.490	0.439	10.4	83	0.00
8 T	Diethyl Ether	0.372	0.423	-13.7	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.544	0.523	3.9	91	0.00
10 T	Methyl Iodide	0.839	0.860	-2.5	93	0.00
11 T	Tert butyl alcohol	0.044	0.047	-6.8	88	0.02
12 CM	1,1-Dichloroethene	0.596	0.584	2.0#	93	0.00
13 T	Acrolein	0.080	0.042	47.5#	45#	0.00
14 T	Allyl chloride	0.914	0.998	-9.2	98	0.00
15 T	Acrylonitrile	0.183	0.198	-8.2	91	0.00
16 T	Acetone	0.177	0.162	8.5	88	0.01
17 T	Carbon Disulfide	1.594	1.545	3.1	89	0.00
18 T	Methyl Acetate	0.507	0.644	-27.0#	108	0.00
19 T	Methyl tert-butyl Ether	1.011	1.246	-23.2	106	0.01
20 T	Methylene Chloride	0.814	1.358	-66.8#	173#	0.00
21 T	trans-1,2-Dichloroethene	0.633	0.677	-7.0	97	0.00
22 T	Diisopropyl ether	1.783	2.217	-24.3	109	0.00
23 T	Vinyl Acetate	1.218	1.370	-12.5	96	0.00
24 P	1,1-Dichloroethane	1.156	1.300	-12.5	103	0.00
25 T	2-Butanone	0.231	0.257	-11.3	91	0.00
26 T	2,2-Dichloropropane	0.674	0.610	9.5	82	0.00
27 T	cis-1,2-Dichloroethene	0.728	0.848	-16.5	104	0.00
28 T	Bromochloromethane	0.510	0.602	-18.0	105	0.00
29 T	Tetrahydrofuran	0.158	0.181	-14.6	95	0.00
30 C	Chloroform	1.228	1.414	-15.1#	104	0.00
31 T	Cyclohexane	1.022	0.968	5.3	91	0.00
32 T	1,1,1-Trichloroethane	0.946	0.989	-4.5	94	0.00
33 S	1,2-Dichloroethane-d4	0.718	0.819	-14.1	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.326	0.334	-2.5	100	0.00
36 T	1,1-Dichloropropene	0.472	0.455	3.6	97	0.00
37 T	Ethyl Acetate	0.298	0.307	-3.0	99	0.00
38 T	Carbon Tetrachloride	0.481	0.440	8.5	93	0.00
39 T	Methylcyclohexane	0.587	0.549	6.5	95	0.00
40 TM	Benzene	1.397	1.452	-3.9	103	0.00
41 T	Methacrylonitrile	0.160	0.176	-10.0	98	0.01
42 TM	1,2-Dichloroethane	0.472	0.496	-5.1	104	0.00
43 T	Isopropyl Acetate	0.513	0.550	-7.2	100	0.00
44 TM	Trichloroethene	0.349	0.337	3.4	96	0.00
45 C	1,2-Dichloropropane	0.338	0.354	-4.7#	104	0.00
46 T	Dibromomethane	0.218	0.230	-5.5	102	0.00
47 T	Bromodichloromethane	0.511	0.545	-6.7	104	0.00
48 T	Methyl methacrylate	0.252	0.274	-8.7	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	97	0.00
50 S	Toluene-d8	1.214	1.233	-1.6	99	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.317	-7.5	99	0.00
52 CM	Toluene	0.894	0.916	-2.5#	102	0.00
53 T	t-1,3-Dichloropropene	0.480	0.514	-7.1	101	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.572	-5.1	101	0.00
55 T	1,1,2-Trichloroethane	0.286	0.305	-6.6	104	0.00
56 T	Ethyl methacrylate	0.387	0.457	-18.1	109	0.00
57 T	1,3-Dichloropropane	0.501	0.536	-7.0	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.245	-15.0	106	0.00
59 T	2-Hexanone	0.200	0.220	-10.0	98	0.00
60 T	Dibromochloromethane	0.341	0.341	0.0	94	0.00
61 T	1,2-Dibromoethane	0.286	0.302	-5.6	101	0.00
62 S	4-Bromofluorobenzene	0.447	0.462	-3.4	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.327	0.354	-8.3	109	0.00
65 PM	Chlorobenzene	1.103	1.136	-3.0	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.371	-5.4	102	0.00
67 C	Ethyl Benzene	1.913	1.973	-3.1#	101	0.00
68 T	m/p-Xylenes	0.735	0.743	-1.1	98	0.00
69 T	o-Xylene	0.681	0.727	-6.8	103	0.00
70 T	Styrene	1.177	1.284	-9.1	102	0.00
71 P	Bromoform	0.210	0.218	-3.8	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.803	3.837	-0.9	98	0.00
74 T	N-amyl acetate	1.025	1.169	-14.0	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.844	0.892	-5.7	101	0.00
76 T	1,2,3-Trichloropropane	0.646	0.686	-6.2	100	0.00
77 T	Bromobenzene	0.848	0.892	-5.2	109	0.00
78 T	n-propylbenzene	4.554	4.490	1.4	96	0.00
79 T	2-Chlorotoluene	2.743	2.867	-4.5	102	0.00
80 T	1,3,5-Trimethylbenzene	3.148	3.318	-5.4	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.277	0.265	4.3	87	0.00
82 T	4-Chlorotoluene	2.879	3.031	-5.3	103	0.00
83 T	tert-Butylbenzene	2.697	2.717	-0.7	99	0.00
84 T	1,2,4-Trimethylbenzene	3.190	3.385	-6.1	104	0.00
85 T	sec-Butylbenzene	4.048	4.023	0.6	96	0.00
86 T	p-Isopropyltoluene	3.336	3.403	-2.0	99	0.00
87 T	1,3-Dichlorobenzene	1.701	1.723	-1.3	100	0.00
88 T	1,4-Dichlorobenzene	1.741	1.695	2.6	95	0.00
89 T	n-Butylbenzene	3.241	3.248	-0.2	98	0.00
90 T	Hexachloroethane	0.602	0.585	2.8	94	0.00
91 T	1,2-Dichlorobenzene	1.555	1.634	-5.1	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.165	0.165	0.0	95	0.00
93 T	1,2,4-Trichlorobenzene	0.959	0.968	-0.9	99	0.00
94 T	Hexachlorobutadiene	0.463	0.404	12.7	93	0.00
95 T	Naphthalene	2.351	2.601	-10.6	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.881	0.883	-0.2	98	0.00

(#) = Out of Range

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