

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111825\
 Data File : VW032488.D
 Acq On : 18 Nov 2025 17:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 19 00:30:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 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	72	0.00
2 T	Dichlorodifluoromethane	0.254	0.252	0.8	73	0.00
3 P	Chloromethane	0.435	0.450	-3.4	80	0.00
4 C	Vinyl Chloride	0.549	0.556	-1.3#	75	0.00
5 T	Bromomethane	0.367	0.390	-6.3	79	0.00
6 T	Chloroethane	0.359	0.377	-5.0	77	0.00
7 T	Trichlorofluoromethane	0.430	0.407	5.3	64	0.00
8 T	Diethyl Ether	0.352	0.385	-9.4	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.469	0.481	-2.6	74	0.00
10 T	Methyl Iodide	0.755	0.768	-1.7	75	0.00
11 T	Tert butyl alcohol	0.056	0.060	-7.1	81	0.00
12 CM	1,1-Dichloroethene	0.537	0.548	-2.0#	73	0.00
13 T	Acrolein	0.094	0.062	34.0#	49#	0.00
14 T	Allyl chloride	1.034	1.084	-4.8	75	0.00
15 T	Acrylonitrile	0.203	0.231	-13.8	82	0.00
16 T	Acetone	0.193	0.192	0.5	75	0.00
17 T	Carbon Disulfide	1.588	1.589	-0.1	71	0.00
18 T	Methyl Acetate	0.478	0.621	-29.9#	97	0.00
19 T	Methyl tert-butyl Ether	1.133	1.239	-9.4	79	0.00
20 T	Methylene Chloride	0.690	0.755	-9.4	85	0.00
21 T	trans-1,2-Dichloroethene	0.615	0.647	-5.2	77	0.00
22 T	Diisopropyl ether	2.104	2.314	-10.0	80	0.00
23 T	Vinyl Acetate	1.442	1.564	-8.5	77	0.00
24 P	1,1-Dichloroethane	1.153	1.280	-11.0	81	0.00
25 T	2-Butanone	0.284	0.314	-10.6	81	0.00
26 T	2,2-Dichloropropane	0.643	0.614	4.5	72	0.00
27 T	cis-1,2-Dichloroethene	0.734	0.802	-9.3	79	0.00
28 T	Bromochloromethane	0.545	0.637	-16.9	92	0.00
29 T	Tetrahydrofuran	0.180	0.211	-17.2	84	0.00
30 C	Chloroform	1.129	1.269	-12.4#	83	0.00
31 T	Cyclohexane	1.066	1.059	0.7	75	0.00
32 T	1,1,1-Trichloroethane	0.806	0.840	-4.2	74	0.00
33 S	1,2-Dichloroethane-d4	0.645	0.741	-14.9	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.299	0.308	-3.0	85	0.00
36 T	1,1-Dichloropropene	0.441	0.447	-1.4	78	0.00
37 T	Ethyl Acetate	0.328	0.349	-6.4	82	0.00
38 T	Carbon Tetrachloride	0.392	0.383	2.3	76	0.00
39 T	Methylcyclohexane	0.571	0.544	4.7	72	0.00
40 TM	Benzene	1.420	1.451	-2.2	80	0.00
41 T	Methacrylonitrile	0.180	0.195	-8.3	83	0.00
42 TM	1,2-Dichloroethane	0.417	0.447	-7.2	85	0.00
43 T	Isopropyl Acetate	0.581	0.613	-5.5	81	0.00
44 TM	Trichloroethene	0.331	0.326	1.5	77	0.00
45 C	1,2-Dichloropropane	0.354	0.370	-4.5#	83	0.00
46 T	Dibromomethane	0.207	0.215	-3.9	81	0.00
47 T	Bromodichloromethane	0.471	0.495	-5.1	82	0.00
48 T	Methyl methacrylate	0.276	0.289	-4.7	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	84	0.00
50 S	Toluene-d8	1.148	1.195	-4.1	84	0.00
51 T	4-Methyl-2-Pentanone	0.321	0.358	-11.5	85	0.00
52 CM	Toluene	0.877	0.899	-2.5#	80	0.00
53 T	t-1,3-Dichloropropene	0.486	0.500	-2.9	79	0.00
54 T	cis-1,3-Dichloropropene	0.562	0.587	-4.4	81	0.00
55 T	1,1,2-Trichloroethane	0.284	0.294	-3.5	80	0.00
56 T	Ethyl methacrylate	0.435	0.465	-6.9	81	0.00
57 T	1,3-Dichloropropane	0.506	0.544	-7.5	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.232	0.254	-9.5	89	0.00
59 T	2-Hexanone	0.235	0.251	-6.8	82	0.00
60 T	Dibromochloromethane	0.317	0.329	-3.8	82	0.00
61 T	1,2-Dibromoethane	0.276	0.292	-5.8	83	0.00
62 S	4-Bromofluorobenzene	0.434	0.459	-5.8	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.296	0.310	-4.7	86	0.00
65 PM	Chlorobenzene	1.078	1.066	1.1	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.334	0.328	1.8	81	0.00
67 C	Ethyl Benzene	1.865	1.836	1.6#	79	0.00
68 T	m/p-Xylenes	0.700	0.707	-1.0	81	0.00
69 T	o-Xylene	0.670	0.652	2.7	80	0.00
70 T	Styrene	1.153	1.174	-1.8	81	0.00
71 P	Bromoform	0.198	0.199	-0.5	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.672	3.688	-0.4	79	0.00
74 T	N-amyl acetate	1.276	1.343	-5.3	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.871	0.920	-5.6	84	0.00
76 T	1,2,3-Trichloropropane	0.686	0.667	2.8	84	0.00
77 T	Bromobenzene	0.869	0.879	-1.2	79	0.00
78 T	n-propylbenzene	4.472	4.557	-1.9	80	0.00
79 T	2-Chlorotoluene	2.730	2.746	-0.6	81	0.00
80 T	1,3,5-Trimethylbenzene	3.030	3.070	-1.3	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.305	-2.0	79	0.00
82 T	4-Chlorotoluene	2.839	2.898	-2.1	82	0.00
83 T	tert-Butylbenzene	2.635	2.601	1.3	77	0.00
84 T	1,2,4-Trimethylbenzene	3.081	3.120	-1.3	80	0.00
85 T	sec-Butylbenzene	3.925	3.836	2.3	78	0.00
86 T	p-Isopropyltoluene	3.241	3.168	2.3	78	0.00
87 T	1,3-Dichlorobenzene	1.648	1.723	-4.6	85	0.00
88 T	1,4-Dichlorobenzene	1.689	1.645	2.6	79	0.00
89 T	n-Butylbenzene	3.166	3.150	0.5	79	0.00
90 T	Hexachloroethane	0.584	0.556	4.8	76	0.00
91 T	1,2-Dichlorobenzene	1.513	1.602	-5.9	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.150	0.155	-3.3	83	0.00
93 T	1,2,4-Trichlorobenzene	0.963	0.927	3.7	76	0.00
94 T	Hexachlorobutadiene	0.400	0.371	7.3	75	0.00
95 T	Naphthalene	2.401	2.390	0.5	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.890	-1.8	84	0.00

(#) = Out of Range

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