

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082825\
 Data File : VW032148.D
 Acq On : 28 Aug 2025 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 29 01:14:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 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	116	0.00
2 T	Dichlorodifluoromethane	0.330	0.297	10.0	110	0.00
3 P	Chloromethane	0.346	0.307	11.3	105	0.00
4 C	Vinyl Chloride	0.450	0.446	0.9#	116	0.00
5 T	Bromomethane	0.401	0.361	10.0	112	0.00
6 T	Chloroethane	0.317	0.296	6.6	108	0.00
7 T	Trichlorofluoromethane	0.445	0.417	6.3	100	0.00
8 T	Diethyl Ether	0.332	0.291	12.3	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.502	0.495	1.4	113	0.00
10 T	Methyl Iodide	0.764	0.771	-0.9	119	0.00
11 T	Tert butyl alcohol	0.044	0.039	11.4	102	-0.01
12 CM	1,1-Dichloroethene	0.528	0.529	-0.2#	114	0.00
13 T	Acrolein	0.067	0.057	14.9	99	0.00
14 T	Allyl chloride	0.751	0.767	-2.1	116	0.00
15 T	Acrylonitrile	0.162	0.151	6.8	107	-0.01
16 T	Acetone	0.155	0.154	0.6	114	0.00
17 T	Carbon Disulfide	1.322	1.355	-2.5	115	0.00
18 T	Methyl Acetate	0.493	0.452	8.3	101	0.00
19 T	Methyl tert-butyl Ether	0.998	0.993	0.5	109	0.00
20 T	Methylene Chloride	0.725	0.597	17.7	108	-0.02
21 T	trans-1,2-Dichloroethene	0.590	0.584	1.0	111	0.00
22 T	Diisopropyl ether	1.634	1.650	-1.0	112	0.00
23 T	Vinyl Acetate	1.111	1.101	0.9	108	0.00
24 P	1,1-Dichloroethane	1.070	1.052	1.7	111	0.00
25 T	2-Butanone	0.219	0.216	1.4	110	0.00
26 T	2,2-Dichloropropane	0.566	0.620	-9.5	118	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.706	1.7	111	0.00
28 T	Bromochloromethane	0.490	0.433	11.6	103	0.00
29 T	Tetrahydrofuran	0.139	0.130	6.5	105	0.00
30 C	Chloroform	1.221	1.180	3.4#	109	0.00
31 T	Cyclohexane	0.878	0.834	5.0	112	0.00
32 T	1,1,1-Trichloroethane	0.891	0.906	-1.7	114	0.00
33 S	1,2-Dichloroethane-d4	0.715	0.617	13.7	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.351	0.331	5.7	104	0.00
36 T	1,1-Dichloropropene	0.455	0.493	-8.4	109	0.00
37 T	Ethyl Acetate	0.273	0.269	1.5	102	0.00
38 T	Carbon Tetrachloride	0.488	0.533	-9.2	110	-0.01
39 T	Methylcyclohexane	0.539	0.612	-13.5	112	0.00
40 TM	Benzene	1.406	1.471	-4.6	109	0.00
41 T	Methacrylonitrile	0.152	0.163	-7.2	116	0.00
42 TM	1,2-Dichloroethane	0.487	0.504	-3.5	108	0.00
43 T	Isopropyl Acetate	0.512	0.522	-2.0	104	0.00
44 TM	Trichloroethene	0.354	0.395	-11.6	119	0.00
45 C	1,2-Dichloropropane	0.339	0.351	-3.5#	107	0.00
46 T	Dibromomethane	0.238	0.242	-1.7	109	0.00
47 T	Bromodichloromethane	0.540	0.582	-7.8	111	0.00
48 T	Methyl methacrylate	0.236	0.246	-4.2	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	107	0.00
50 S	Toluene-d8	1.231	1.205	2.1	103	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.295	-2.1	105	0.00
52 CM	Toluene	0.919	0.993	-8.1#	111	0.00
53 T	t-1,3-Dichloropropene	0.477	0.524	-9.9	110	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.597	-9.7	110	0.00
55 T	1,1,2-Trichloroethane	0.309	0.317	-2.6	111	0.00
56 T	Ethyl methacrylate	0.395	0.430	-8.9	107	0.00
57 T	1,3-Dichloropropane	0.518	0.527	-1.7	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.217	-2.8	110	0.00
59 T	2-Hexanone	0.201	0.211	-5.0	107	0.00
60 T	Dibromochloromethane	0.374	0.396	-5.9	108	0.00
61 T	1,2-Dibromoethane	0.304	0.309	-1.6	104	0.00
62 S	4-Bromofluorobenzene	0.455	0.448	1.5	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.329	0.345	-4.9	110	0.00
65 PM	Chlorobenzene	1.138	1.189	-4.5	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.402	-7.2	113	0.00
67 C	Ethyl Benzene	1.865	2.052	-10.0#	114	0.00
68 T	m/p-Xylenes	0.718	0.797	-11.0	113	0.00
69 T	o-Xylene	0.679	0.733	-8.0	110	0.00
70 T	Styrene	1.197	1.278	-6.8	109	0.00
71 P	Bromoform	0.223	0.234	-4.9	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.397	3.935	-15.8	110	0.00
74 T	N-amyl acetate	0.986	1.066	-8.1	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.807	0.844	-4.6	105	0.00
76 T	1,2,3-Trichloropropane	0.626	0.593	5.3	99	0.00
77 T	Bromobenzene	0.866	0.980	-13.2	110	0.00
78 T	n-propylbenzene	4.124	5.000	-21.2	117	0.00
79 T	2-Chlorotoluene	2.522	2.917	-15.7	112	0.00
80 T	1,3,5-Trimethylbenzene	2.876	3.372	-17.2	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.233	0.266	-14.2	109	0.00
82 T	4-Chlorotoluene	2.699	3.015	-11.7	107	0.00
83 T	tert-Butylbenzene	2.439	2.938	-20.5	111	0.00
84 T	1,2,4-Trimethylbenzene	2.975	3.397	-14.2	108	0.00
85 T	sec-Butylbenzene	3.641	4.339	-19.2	112	0.00
86 T	p-Isopropyltoluene	3.096	3.670	-18.5	111	0.00
87 T	1,3-Dichlorobenzene	1.744	1.917	-9.9	107	0.00
88 T	1,4-Dichlorobenzene	1.748	1.895	-8.4	110	0.00
89 T	n-Butylbenzene	2.952	3.570	-20.9	114	0.00
90 T	Hexachloroethane	0.566	0.649	-14.7	113	0.00
91 T	1,2-Dichlorobenzene	1.544	1.762	-14.1	120	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.153	-7.0	111	0.00
93 T	1,2,4-Trichlorobenzene	0.987	1.142	-15.7	112	0.00
94 T	Hexachlorobutadiene	0.489	0.526	-7.6	101	0.00
95 T	Naphthalene	2.233	2.562	-14.7	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	1.029	-12.1	113	0.00

(#) = Out of Range

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