

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032221.D
 Acq On : 19 Sep 2025 17:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 19 23:13:21 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	89	0.00
2 T	Dichlorodifluoromethane	0.330	0.286	13.3	82	0.00
3 P	Chloromethane	0.346	0.341	1.4	89	0.00
4 C	Vinyl Chloride	0.450	0.515	-14.4#	103	0.00
5 T	Bromomethane	0.401	0.426	-6.2	101	0.00
6 T	Chloroethane	0.317	0.343	-8.2	96	0.00
7 T	Trichlorofluoromethane	0.445	0.483	-8.5	89	0.00
8 T	Diethyl Ether	0.332	0.339	-2.1	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.502	0.532	-6.0	94	0.00
10 T	Methyl Iodide	0.764	0.828	-8.4	98	0.00
11 T	Tert butyl alcohol	0.044	0.042	4.5	84	0.00
12 CM	1,1-Dichloroethene	0.528	0.549	-4.0#	91	0.00
13 T	Acrolein	0.067	0.013	80.6#	17#	0.00
14 T	Allyl chloride	0.751	0.783	-4.3	91	0.00
15 T	Acrylonitrile	0.162	0.173	-6.8	94	0.00
16 T	Acetone	0.155	0.140	9.7	79	0.00
17 T	Carbon Disulfide	1.322	1.279	3.3	84	0.00
18 T	Methyl Acetate	0.493	0.628	-27.4#	108	0.00
19 T	Methyl tert-butyl Ether	0.998	1.107	-10.9	94	0.00
20 T	Methylene Chloride	0.725	0.743	-2.5	103	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.609	-3.2	89	0.00
22 T	Diisopropyl ether	1.634	1.837	-12.4	95	0.00
23 T	Vinyl Acetate	1.111	1.163	-4.7	88	0.00
24 P	1,1-Dichloroethane	1.070	1.134	-6.0	91	0.00
25 T	2-Butanone	0.219	0.231	-5.5	91	0.00
26 T	2,2-Dichloropropane	0.566	0.600	-6.0	88	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.752	-4.7	90	0.00
28 T	Bromochloromethane	0.490	0.543	-10.8	99	0.00
29 T	Tetrahydrofuran	0.139	0.151	-8.6	94	0.00
30 C	Chloroform	1.221	1.311	-7.4#	93	0.00
31 T	Cyclohexane	0.878	0.846	3.6	87	0.00
32 T	1,1,1-Trichloroethane	0.891	0.949	-6.5	92	0.00
33 S	1,2-Dichloroethane-d4	0.715	0.751	-5.0	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.351	0.360	-2.6	96	0.00
36 T	1,1-Dichloropropene	0.455	0.468	-2.9	89	0.00
37 T	Ethyl Acetate	0.273	0.280	-2.6	91	0.00
38 T	Carbon Tetrachloride	0.488	0.491	-0.6	87	0.00
39 T	Methylcyclohexane	0.539	0.558	-3.5	87	0.00
40 TM	Benzene	1.406	1.450	-3.1	91	0.00
41 T	Methacrylonitrile	0.152	0.159	-4.6	97	0.00
42 TM	1,2-Dichloroethane	0.487	0.507	-4.1	93	0.00
43 T	Isopropyl Acetate	0.512	0.540	-5.5	92	0.00
44 TM	Trichloroethene	0.354	0.354	0.0	91	0.00
45 C	1,2-Dichloropropane	0.339	0.351	-3.5#	91	0.00
46 T	Dibromomethane	0.238	0.247	-3.8	95	0.00
47 T	Bromodichloromethane	0.540	0.563	-4.3	91	0.00
48 T	Methyl methacrylate	0.236	0.254	-7.6	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	92	0.01
50 S	Toluene-d8	1.231	1.251	-1.6	91	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.316	-9.3	96	0.00
52 CM	Toluene	0.919	0.928	-1.0#	88	0.00
53 T	t-1,3-Dichloropropene	0.477	0.495	-3.8	88	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.561	-3.1	88	0.00
55 T	1,1,2-Trichloroethane	0.309	0.319	-3.2	95	0.00
56 T	Ethyl methacrylate	0.395	0.427	-8.1	91	0.00
57 T	1,3-Dichloropropane	0.518	0.543	-4.8	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.219	-3.8	95	0.00
59 T	2-Hexanone	0.201	0.222	-10.4	96	0.00
60 T	Dibromochloromethane	0.374	0.382	-2.1	89	0.00
61 T	1,2-Dibromoethane	0.304	0.314	-3.3	91	0.00
62 S	4-Bromofluorobenzene	0.455	0.461	-1.3	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.329	0.299	9.1	83	0.00
65 PM	Chlorobenzene	1.138	1.115	2.0	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.368	1.9	90	0.00
67 C	Ethyl Benzene	1.865	1.910	-2.4#	92	0.00
68 T	m/p-Xylenes	0.718	0.723	-0.7	88	0.00
69 T	o-Xylene	0.679	0.688	-1.3	89	0.00
70 T	Styrene	1.197	1.256	-4.9	92	0.00
71 P	Bromoform	0.223	0.218	2.2	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	3.397	3.539	-4.2	88	0.00
74 T	N-amyl acetate	0.986	1.052	-6.7	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.807	0.851	-5.5	94	0.00
76 T	1,2,3-Trichloropropane	0.626	0.622	0.6	92	0.00
77 T	Bromobenzene	0.866	0.877	-1.3	87	0.00
78 T	n-propylbenzene	4.124	4.481	-8.7	93	0.00
79 T	2-Chlorotoluene	2.522	2.681	-6.3	91	0.00
80 T	1,3,5-Trimethylbenzene	2.876	3.058	-6.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.233	0.238	-2.1	86	0.00
82 T	4-Chlorotoluene	2.699	2.753	-2.0	86	0.00
83 T	tert-Butylbenzene	2.439	2.630	-7.8	87	0.00
84 T	1,2,4-Trimethylbenzene	2.975	3.209	-7.9	90	0.00
85 T	sec-Butylbenzene	3.641	3.889	-6.8	89	0.00
86 T	p-Isopropyltoluene	3.096	3.285	-6.1	88	0.00
87 T	1,3-Dichlorobenzene	1.744	1.747	-0.2	86	0.00
88 T	1,4-Dichlorobenzene	1.748	1.786	-2.2	92	0.00
89 T	n-Butylbenzene	2.952	3.216	-8.9	91	0.00
90 T	Hexachloroethane	0.566	0.580	-2.5	89	0.00
91 T	1,2-Dichlorobenzene	1.544	1.576	-2.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.146	-2.1	94	0.00
93 T	1,2,4-Trichlorobenzene	0.987	1.009	-2.2	87	0.00
94 T	Hexachlorobutadiene	0.489	0.413	15.5	70	0.00
95 T	Naphthalene	2.233	2.350	-5.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.887	3.4	86	0.00

(#) = Out of Range

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