

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
 Data File : VW032232.D
 Acq On : 22 Sep 2025 16:11
 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: Sep 23 06:08:06 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	90	0.00
2 T	Dichlorodifluoromethane	0.330	0.271	17.9	79	0.00
3 P	Chloromethane	0.346	0.354	-2.3	94	0.00
4 C	Vinyl Chloride	0.450	0.470	-4.4#	96	0.00
5 T	Bromomethane	0.401	0.398	0.7	96	0.00
6 T	Chloroethane	0.317	0.342	-7.9	98	0.00
7 T	Trichlorofluoromethane	0.445	0.466	-4.7	88	0.00
8 T	Diethyl Ether	0.332	0.354	-6.6	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.502	0.511	-1.8	91	0.00
10 T	Methyl Iodide	0.764	0.752	1.6	91	0.00
11 T	Tert butyl alcohol	0.044	0.044	0.0	89	0.00
12 CM	1,1-Dichloroethene	0.528	0.529	-0.2#	89	0.00
13 T	Acrolein	0.067	0.011	83.6#	14#	0.00
14 T	Allyl chloride	0.751	0.745	0.8	88	0.00
15 T	Acrylonitrile	0.162	0.170	-4.9	94	0.00
16 T	Acetone	0.155	0.156	-0.6	90	0.00
17 T	Carbon Disulfide	1.322	1.182	10.6	79	0.00
18 T	Methyl Acetate	0.493	0.609	-23.5	107	0.00
19 T	Methyl tert-butyl Ether	0.998	1.041	-4.3	90	0.00
20 T	Methylene Chloride	0.725	0.628	13.4	89	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.571	3.2	85	0.00
22 T	Diisopropyl ether	1.634	1.709	-4.6	90	0.00
23 T	Vinyl Acetate	1.111	1.115	-0.4	86	0.00
24 P	1,1-Dichloroethane	1.070	1.057	1.2	87	0.00
25 T	2-Butanone	0.219	0.229	-4.6	91	0.00
26 T	2,2-Dichloropropane	0.566	0.577	-1.9	86	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.707	1.5	86	0.00
28 T	Bromochloromethane	0.490	0.512	-4.5	95	0.00
29 T	Tetrahydrofuran	0.139	0.148	-6.5	94	0.00
30 C	Chloroform	1.221	1.236	-1.2#	89	0.00
31 T	Cyclohexane	0.878	0.792	9.8	83	0.00
32 T	1,1,1-Trichloroethane	0.891	0.886	0.6	87	0.00
33 S	1,2-Dichloroethane-d4	0.715	0.720	-0.7	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.351	0.359	-2.3	95	0.00
36 T	1,1-Dichloropropene	0.455	0.442	2.9	83	0.00
37 T	Ethyl Acetate	0.273	0.286	-4.8	92	0.00
38 T	Carbon Tetrachloride	0.488	0.478	2.0	83	0.00
39 T	Methylcyclohexane	0.539	0.522	3.2	80	0.00
40 TM	Benzene	1.406	1.397	0.6	87	0.00
41 T	Methacrylonitrile	0.152	0.158	-3.9	95	0.00
42 TM	1,2-Dichloroethane	0.487	0.495	-1.6	90	0.00
43 T	Isopropyl Acetate	0.512	0.529	-3.3	89	0.00
44 TM	Trichloroethene	0.354	0.339	4.2	86	0.00
45 C	1,2-Dichloropropane	0.339	0.346	-2.1#	89	0.00
46 T	Dibromomethane	0.238	0.239	-0.4	91	0.00
47 T	Bromodichloromethane	0.540	0.551	-2.0	88	0.00
48 T	Methyl methacrylate	0.236	0.251	-6.4	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	88	0.00
50 S	Toluene-d8	1.231	1.246	-1.2	90	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.321	-11.1	96	0.00
52 CM	Toluene	0.919	0.917	0.2#	86	0.00
53 T	t-1,3-Dichloropropene	0.477	0.498	-4.4	88	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.547	-0.6	85	0.00
55 T	1,1,2-Trichloroethane	0.309	0.310	-0.3	92	0.00
56 T	Ethyl methacrylate	0.395	0.421	-6.6	88	0.00
57 T	1,3-Dichloropropane	0.518	0.530	-2.3	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.239	-13.3	102	0.00
59 T	2-Hexanone	0.201	0.224	-11.4	95	0.00
60 T	Dibromochloromethane	0.374	0.384	-2.7	88	0.00
61 T	1,2-Dibromoethane	0.304	0.310	-2.0	89	0.00
62 S	4-Bromofluorobenzene	0.455	0.463	-1.8	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.329	0.296	10.0	82	0.00
65 PM	Chlorobenzene	1.138	1.085	4.7	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.365	2.7	89	0.00
67 C	Ethyl Benzene	1.865	1.867	-0.1#	90	0.00
68 T	m/p-Xylenes	0.718	0.707	1.5	87	0.00
69 T	o-Xylene	0.679	0.657	3.2	85	0.00
70 T	Styrene	1.197	1.213	-1.3	90	0.00
71 P	Bromoform	0.223	0.213	4.5	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.397	3.470	-2.1	88	0.00
74 T	N-amyl acetate	0.986	1.010	-2.4	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.807	0.840	-4.1	95	0.00
76 T	1,2,3-Trichloropropane	0.626	0.602	3.8	91	0.00
77 T	Bromobenzene	0.866	0.865	0.1	88	0.00
78 T	n-propylbenzene	4.124	4.240	-2.8	89	0.00
79 T	2-Chlorotoluene	2.522	2.529	-0.3	88	0.00
80 T	1,3,5-Trimethylbenzene	2.876	2.998	-4.2	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.233	0.251	-7.7	93	0.00
82 T	4-Chlorotoluene	2.699	2.657	1.6	85	0.00
83 T	tert-Butylbenzene	2.439	2.539	-4.1	86	0.00
84 T	1,2,4-Trimethylbenzene	2.975	2.999	-0.8	86	0.00
85 T	sec-Butylbenzene	3.641	3.791	-4.1	88	0.00
86 T	p-Isopropyltoluene	3.096	3.148	-1.7	86	0.00
87 T	1,3-Dichlorobenzene	1.744	1.684	3.4	85	0.00
88 T	1,4-Dichlorobenzene	1.748	1.653	5.4	87	0.00
89 T	n-Butylbenzene	2.952	3.079	-4.3	88	0.00
90 T	Hexachloroethane	0.566	0.571	-0.9	90	0.00
91 T	1,2-Dichlorobenzene	1.544	1.579	-2.3	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.151	-5.6	99	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.924	6.4	81	0.00
94 T	Hexachlorobutadiene	0.489	0.421	13.9	73	0.00
95 T	Naphthalene	2.233	2.305	-3.2	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.874	4.8	87	0.00

(#) = Out of Range

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