

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032267.D
 Acq On : 26 Sep 2025 08:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 27 04:30:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 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	104	0.00
2 T	Dichlorodifluoromethane	0.345	0.315	8.7	111	0.00
3 P	Chloromethane	0.494	0.438	11.3	108	0.00
4 C	Vinyl Chloride	0.578	0.555	4.0#	107	0.00
5 T	Bromomethane	0.394	0.395	-0.3	112	0.00
6 T	Chloroethane	0.391	0.377	3.6	109	0.00
7 T	Trichlorofluoromethane	0.435	0.401	7.8	108	0.00
8 T	Diethyl Ether	0.412	0.402	2.4	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.556	0.542	2.5	107	0.00
10 T	Methyl Iodide	0.751	0.742	1.2	108	0.00
11 T	Tert butyl alcohol	0.055	0.058	-5.5	133	0.00
12 CM	1,1-Dichloroethene	0.594	0.586	1.3#	110	0.00
13 T	Acrolein	0.098	0.091	7.1	104	0.00
14 T	Allyl chloride	0.922	0.946	-2.6	112	0.00
15 T	Acrylonitrile	0.212	0.214	-0.9	118	0.00
16 T	Acetone	0.203	0.238	-17.2	151#	0.00
17 T	Carbon Disulfide	1.365	1.334	2.3	110	0.00
18 T	Methyl Acetate	0.697	0.786	-12.8	111	0.00
19 T	Methyl tert-butyl Ether	1.101	1.173	-6.5	114	0.00
20 T	Methylene Chloride	0.991	0.751	24.2	104	0.00
21 T	trans-1,2-Dichloroethene	0.640	0.631	1.4	108	0.00
22 T	Diisopropyl ether	2.048	2.116	-3.3	110	0.00
23 T	Vinyl Acetate	1.317	1.346	-2.2	115	0.00
24 P	1,1-Dichloroethane	1.293	1.260	2.6	106	0.00
25 T	2-Butanone	0.283	0.310	-9.5	128	0.00
26 T	2,2-Dichloropropane	0.637	0.644	-1.1	112	0.00
27 T	cis-1,2-Dichloroethene	0.796	0.787	1.1	107	0.00
28 T	Bromochloromethane	0.617	0.591	4.2	104	0.00
29 T	Tetrahydrofuran	0.183	0.189	-3.3	118	0.00
30 C	Chloroform	1.349	1.334	1.1#	108	0.00
31 T	Cyclohexane	1.019	0.965	5.3	110	0.00
32 T	1,1,1-Trichloroethane	0.909	0.907	0.2	108	0.00
33 S	1,2-Dichloroethane-d4	0.789	0.724	8.2	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.360	0.341	5.3	103	0.00
36 T	1,1-Dichloropropene	0.485	0.496	-2.3	107	0.00
37 T	Ethyl Acetate	0.322	0.336	-4.3	117	0.00
38 T	Carbon Tetrachloride	0.456	0.480	-5.3	112	0.00
39 T	Methylcyclohexane	0.561	0.587	-4.6	108	0.00
40 TM	Benzene	1.526	1.548	-1.4	107	0.00
41 T	Methacrylonitrile	0.184	0.196	-6.5	116	0.00
42 TM	1,2-Dichloroethane	0.507	0.502	1.0	108	0.00
43 T	Isopropyl Acetate	0.576	0.608	-5.6	116	0.00
44 TM	Trichloroethene	0.357	0.354	0.8	107	0.00
45 C	1,2-Dichloropropane	0.395	0.405	-2.5#	108	0.00
46 T	Dibromomethane	0.243	0.250	-2.9	112	0.00
47 T	Bromodichloromethane	0.554	0.568	-2.5	107	0.00
48 T	Methyl methacrylate	0.271	0.298	-10.0	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	113	0.00
50 S	Toluene-d8	1.296	1.232	4.9	103	0.00
51 T	4-Methyl-2-Pentanone	0.341	0.364	-6.7	118	0.00
52 CM	Toluene	0.946	0.950	-0.4#	106	0.00
53 T	t-1,3-Dichloropropene	0.508	0.554	-9.1	114	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.630	-7.5	112	0.00
55 T	1,1,2-Trichloroethane	0.332	0.338	-1.8	112	0.00
56 T	Ethyl methacrylate	0.437	0.482	-10.3	115	0.00
57 T	1,3-Dichloropropane	0.573	0.587	-2.4	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.240	0.272	-13.3	113	0.00
59 T	2-Hexanone	0.233	0.261	-12.0	122	0.00
60 T	Dibromochloromethane	0.364	0.384	-5.5	109	0.00
61 T	1,2-Dibromoethane	0.314	0.325	-3.5	111	0.00
62 S	4-Bromofluorobenzene	0.489	0.478	2.2	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.305	0.309	-1.3	104	0.00
65 PM	Chlorobenzene	1.152	1.180	-2.4	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.364	0.385	-5.8	109	0.00
67 C	Ethyl Benzene	1.885	2.019	-7.1#	109	0.00
68 T	m/p-Xylenes	0.723	0.761	-5.3	107	0.00
69 T	o-Xylene	0.679	0.719	-5.9	104	0.00
70 T	Styrene	1.191	1.306	-9.7	106	0.00
71 P	Bromoform	0.212	0.216	-1.9	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.480	3.625	-4.2	105	0.00
74 T	N-amyl acetate	1.096	1.169	-6.7	116	0.00
75 P	1,1,2,2-Tetrachloroethane	0.912	0.923	-1.2	112	0.00
76 T	1,2,3-Trichloropropane	0.688	0.664	3.5	107	0.00
77 T	Bromobenzene	0.856	0.852	0.5	99	0.00
78 T	n-propylbenzene	4.371	4.541	-3.9	104	0.00
79 T	2-Chlorotoluene	2.648	2.714	-2.5	105	0.00
80 T	1,3,5-Trimethylbenzene	2.975	3.119	-4.8	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.265	0.293	-10.6	116	0.00
82 T	4-Chlorotoluene	2.799	2.899	-3.6	106	0.00
83 T	tert-Butylbenzene	2.488	2.688	-8.0	110	0.00
84 T	1,2,4-Trimethylbenzene	3.021	3.186	-5.5	107	0.00
85 T	sec-Butylbenzene	3.737	3.941	-5.5	106	0.00
86 T	p-Isopropyltoluene	3.095	3.299	-6.6	104	0.00
87 T	1,3-Dichlorobenzene	1.693	1.681	0.7	104	0.00
88 T	1,4-Dichlorobenzene	1.730	1.775	-2.6	114	0.00
89 T	n-Butylbenzene	3.106	3.249	-4.6	105	0.00
90 T	Hexachloroethane	0.577	0.615	-6.6	114	0.00
91 T	1,2-Dichlorobenzene	1.584	1.627	-2.7	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.156	0.156	0.0	116	0.00
93 T	1,2,4-Trichlorobenzene	0.940	0.972	-3.4	108	0.00
94 T	Hexachlorobutadiene	0.432	0.426	1.4	116	0.00
95 T	Naphthalene	2.255	2.444	-8.4	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.931	-6.5	112	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6