

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
 Data File : VW032241.D
 Acq On : 24 Sep 2025 12:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 25 05:02:58 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	77	0.00
2 T	Dichlorodifluoromethane	0.330	0.317	3.9	78	0.00
3 P	Chloromethane	0.346	0.321	7.2	72	0.00
4 C	Vinyl Chloride	0.450	0.448	0.4#	77	0.00
5 T	Bromomethane	0.401	0.401	0.0	82	0.00
6 T	Chloroethane	0.317	0.327	-3.2	79	0.00
7 T	Trichlorofluoromethane	0.445	0.400	10.1	64	0.00
8 T	Diethyl Ether	0.332	0.359	-8.1	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.502	0.534	-6.4	81	0.00
10 T	Methyl Iodide	0.764	0.816	-6.8	84	0.00
11 T	Tert butyl alcohol	0.044	0.043	2.3	74	0.00
12 CM	1,1-Dichloroethene	0.528	0.575	-8.9#	82	0.00
13 T	Acrolein	0.067	0.011	83.6#	12#	0.00
14 T	Allyl chloride	0.751	0.763	-1.6	76	0.00
15 T	Acrylonitrile	0.162	0.181	-11.7	85	0.00
16 T	Acetone	0.155	0.149	3.9	73	0.00
17 T	Carbon Disulfide	1.322	1.229	7.0	69	0.00
18 T	Methyl Acetate	0.493	0.721	-46.2#	107	0.00
19 T	Methyl tert-butyl Ether	0.998	1.103	-10.5	80	0.00
20 T	Methylene Chloride	0.725	0.676	6.8	81	-0.01
21 T	trans-1,2-Dichloroethene	0.590	0.634	-7.5	80	0.00
22 T	Diisopropyl ether	1.634	1.868	-14.3	84	0.00
23 T	Vinyl Acetate	1.111	1.143	-2.9	74	0.00
24 P	1,1-Dichloroethane	1.070	1.179	-10.2	82	0.00
25 T	2-Butanone	0.219	0.242	-10.5	82	0.00
26 T	2,2-Dichloropropane	0.566	0.567	-0.2	71	0.00
27 T	cis-1,2-Dichloroethene	0.718	0.782	-8.9	81	0.00
28 T	Bromochloromethane	0.490	0.567	-15.7	89	0.00
29 T	Tetrahydrofuran	0.139	0.158	-13.7	85	0.00
30 C	Chloroform	1.221	1.367	-12.0#	84	0.00
31 T	Cyclohexane	0.878	0.812	7.5	72	0.00
32 T	1,1,1-Trichloroethane	0.891	0.977	-9.7	82	0.00
33 S	1,2-Dichloroethane-d4	0.715	0.796	-11.3	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.351	0.386	-10.0	90	0.00
36 T	1,1-Dichloropropene	0.455	0.469	-3.1	78	0.00
37 T	Ethyl Acetate	0.273	0.288	-5.5	82	0.00
38 T	Carbon Tetrachloride	0.488	0.497	-1.8	77	0.00
39 T	Methylcyclohexane	0.539	0.522	3.2	71	0.00
40 TM	Benzene	1.406	1.494	-6.3	83	0.00
41 T	Methacrylonitrile	0.152	0.161	-5.9	86	0.00
42 TM	1,2-Dichloroethane	0.487	0.528	-8.4	85	0.00
43 T	Isopropyl Acetate	0.512	0.532	-3.9	80	0.00
44 TM	Trichloroethene	0.354	0.364	-2.8	82	0.00
45 C	1,2-Dichloropropane	0.339	0.375	-10.6#	85	0.00
46 T	Dibromomethane	0.238	0.263	-10.5	89	0.00
47 T	Bromodichloromethane	0.540	0.599	-10.9	85	0.00
48 T	Methyl methacrylate	0.236	0.259	-9.7	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	91	0.00
50 S	Toluene-d8	1.231	1.317	-7.0	84	0.00
51 T	4-Methyl-2-Pentanone	0.289	0.331	-14.5	88	0.00
52 CM	Toluene	0.919	0.971	-5.7#	81	0.00
53 T	t-1,3-Dichloropropene	0.477	0.502	-5.2	79	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.581	-6.8	80	0.00
55 T	1,1,2-Trichloroethane	0.309	0.349	-12.9	91	0.00
56 T	Ethyl methacrylate	0.395	0.435	-10.1	81	0.00
57 T	1,3-Dichloropropane	0.518	0.569	-9.8	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.211	0.254	-20.4	96	0.00
59 T	2-Hexanone	0.201	0.231	-14.9	87	0.00
60 T	Dibromochloromethane	0.374	0.426	-13.9	87	0.00
61 T	1,2-Dibromoethane	0.304	0.331	-8.9	84	0.00
62 S	4-Bromofluorobenzene	0.455	0.493	-8.4	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.329	0.361	-9.7	85	0.00
65 PM	Chlorobenzene	1.138	1.237	-8.7	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.375	0.421	-12.3	87	0.00
67 C	Ethyl Benzene	1.865	2.028	-8.7#	83	0.00
68 T	m/p-Xylenes	0.718	0.782	-8.9	81	0.00
69 T	o-Xylene	0.679	0.737	-8.5	81	0.00
70 T	Styrene	1.197	1.384	-15.6	87	0.00
71 P	Bromoform	0.223	0.245	-9.9	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.397	3.394	0.1	82	0.00
74 T	N-amyl acetate	0.986	0.936	5.1	80	0.00
75 P	1,1,2,2-Tetrachloroethane	0.807	0.843	-4.5	90	0.00
76 T	1,2,3-Trichloropropane	0.626	0.593	5.3	85	0.00
77 T	Bromobenzene	0.866	0.898	-3.7	86	0.00
78 T	n-propylbenzene	4.124	4.223	-2.4	84	0.00
79 T	2-Chlorotoluene	2.522	2.595	-2.9	86	0.00
80 T	1,3,5-Trimethylbenzene	2.876	2.962	-3.0	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.233	0.235	-0.9	82	0.00
82 T	4-Chlorotoluene	2.699	2.690	0.3	82	0.00
83 T	tert-Butylbenzene	2.439	2.515	-3.1	81	0.00
84 T	1,2,4-Trimethylbenzene	2.975	3.058	-2.8	83	0.00
85 T	sec-Butylbenzene	3.641	3.636	0.1	80	0.00
86 T	p-Isopropyltoluene	3.096	3.079	0.5	80	0.00
87 T	1,3-Dichlorobenzene	1.744	1.745	-0.1	84	0.00
88 T	1,4-Dichlorobenzene	1.748	1.762	-0.8	88	0.00
89 T	n-Butylbenzene	2.952	2.929	0.8	80	0.00
90 T	Hexachloroethane	0.566	0.562	0.7	84	0.00
91 T	1,2-Dichlorobenzene	1.544	1.628	-5.4	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.148	-3.5	92	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.981	0.6	82	0.00
94 T	Hexachlorobutadiene	0.489	0.459	6.1	75	0.00
95 T	Naphthalene	2.233	2.303	-3.1	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.918	0.945	-2.9	89	0.00

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