

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032125.D
 Acq On : 22 Aug 2025 20:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 04:03:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 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	100	0.00
2 T	Dichlorodifluoromethane	0.358	0.270	24.6	81	0.00
3 P	Chloromethane	0.482	0.294	39.0#	68	0.00
4 C	Vinyl Chloride	0.583	0.396	32.1#	75	0.00
5 T	Bromomethane	0.437	0.341	22.0	83	0.00
6 T	Chloroethane	0.386	0.281	27.2#	77	0.00
7 T	Trichlorofluoromethane	0.467	0.373	20.1	81	0.00
8 T	Diethyl Ether	0.382	0.312	18.3	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.431	21.8	84	0.00
10 T	Methyl Iodide	0.781	0.696	10.9	93	0.00
11 T	Tert butyl alcohol	0.047	0.041	12.8	81	0.00
12 CM	1,1-Dichloroethene	0.606	0.467	22.9#	82	0.00
13 T	Acrolein	0.075	0.019	74.7#	27#	0.00
14 T	Allyl chloride	0.883	0.681	22.9	79	0.00
15 T	Acrylonitrile	0.182	0.154	15.4	80	0.00
16 T	Acetone	0.167	0.122	26.9#	75	0.00
17 T	Carbon Disulfide	1.628	1.175	27.8#	76	0.00
18 T	Methyl Acetate	0.530	0.570	-7.5	103	0.00
19 T	Methyl tert-butyl Ether	1.068	0.989	7.4	90	0.00
20 T	Methylene Chloride	0.774	0.639	17.4	94	0.00
21 T	trans-1,2-Dichloroethene	0.644	0.539	16.3	86	0.00
22 T	Diisopropyl ether	1.860	1.601	13.9	85	0.00
23 T	Vinyl Acetate	1.222	1.013	17.1	78	0.00
24 P	1,1-Dichloroethane	1.189	0.982	17.4	85	0.00
25 T	2-Butanone	0.238	0.209	12.2	82	0.00
26 T	2,2-Dichloropropane	0.596	0.479	19.6	83	0.00
27 T	cis-1,2-Dichloroethene	0.752	0.683	9.2	92	0.00
28 T	Bromochloromethane	0.541	0.460	15.0	85	0.00
29 T	Tetrahydrofuran	0.157	0.136	13.4	80	0.00
30 C	Chloroform	1.260	1.122	11.0#	91	0.00
31 T	Cyclohexane	1.031	0.765	25.8#	80	0.00
32 T	1,1,1-Trichloroethane	0.915	0.806	11.9	93	0.00
33 S	1,2-Dichloroethane-d4	0.723	0.659	8.9	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.323	0.329	-1.9	94	0.00
36 T	1,1-Dichloropropene	0.455	0.420	7.7	83	0.00
37 T	Ethyl Acetate	0.268	0.261	2.6	82	0.00
38 T	Carbon Tetrachloride	0.439	0.441	-0.5	91	0.00
39 T	Methylcyclohexane	0.555	0.514	7.4	82	0.00
40 TM	Benzene	1.415	1.346	4.9	85	0.00
41 T	Methacrylonitrile	0.152	0.162	-6.6	90	0.00
42 TM	1,2-Dichloroethane	0.453	0.458	-1.1	91	0.00
43 T	Isopropyl Acetate	0.493	0.503	-2.0	86	0.00
44 TM	Trichloroethene	0.337	0.339	-0.6	92	0.00
45 C	1,2-Dichloropropane	0.342	0.328	4.1#	86	0.00
46 T	Dibromomethane	0.221	0.228	-3.2	92	0.00
47 T	Bromodichloromethane	0.509	0.506	0.6	88	0.00
48 T	Methyl methacrylate	0.238	0.250	-5.0	87	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	1.195	1.206	-0.9	89	0.00
51 T	4-Methyl-2-Pentanone	0.279	0.292	-4.7	86	0.00
52 CM	Toluene	0.892	0.893	-0.1#	89	0.00
53 T	t-1,3-Dichloropropene	0.476	0.473	0.6	85	0.00
54 T	cis-1,3-Dichloropropene	0.541	0.530	2.0	84	0.00
55 T	1,1,2-Trichloroethane	0.293	0.297	-1.4	90	0.00
56 T	Ethyl methacrylate	0.392	0.407	-3.8	85	0.00
57 T	1,3-Dichloropropane	0.511	0.505	1.2	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.217	0.222	-2.3	85	0.00
59 T	2-Hexanone	0.193	0.206	-6.7	86	0.00
60 T	Dibromochloromethane	0.335	0.359	-7.2	95	0.00
61 T	1,2-Dibromoethane	0.285	0.292	-2.5	90	0.00
62 S	4-Bromofluorobenzene	0.440	0.451	-2.5	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.289	0.309	-6.9	104	0.00
65 PM	Chlorobenzene	1.088	1.067	1.9	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.345	-1.5	95	0.00
67 C	Ethyl Benzene	1.843	1.770	4.0#	88	0.00
68 T	m/p-Xylenes	0.711	0.687	3.4	88	0.00
69 T	o-Xylene	0.657	0.681	-3.7	93	0.00
70 T	Styrene	1.168	1.183	-1.3	91	0.00
71 P	Bromoform	0.194	0.218	-12.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.494	3.393	2.9	93	0.00
74 T	N-amyl acetate	1.003	0.937	6.6	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.830	0.759	8.6	87	0.00
76 T	1,2,3-Trichloropropane	0.679	0.601	11.5	78	0.00
77 T	Bromobenzene	0.835	0.822	1.6	94	0.00
78 T	n-propylbenzene	4.302	3.981	7.5	88	0.00
79 T	2-Chlorotoluene	2.655	2.446	7.9	89	0.00
80 T	1,3,5-Trimethylbenzene	2.967	2.764	6.8	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.219	16.4	76	0.00
82 T	4-Chlorotoluene	2.821	2.549	9.6	88	0.00
83 T	tert-Butylbenzene	2.462	2.433	1.2	94	0.00
84 T	1,2,4-Trimethylbenzene	3.020	2.893	4.2	90	0.00
85 T	sec-Butylbenzene	3.722	3.513	5.6	91	0.00
86 T	p-Isopropyltoluene	3.103	3.046	1.8	92	0.00
87 T	1,3-Dichlorobenzene	1.661	1.614	2.8	92	0.00
88 T	1,4-Dichlorobenzene	1.678	1.663	0.9	99	0.00
89 T	n-Butylbenzene	3.015	2.779	7.8	87	0.00
90 T	Hexachloroethane	0.568	0.534	6.0	94	0.00
91 T	1,2-Dichlorobenzene	1.504	1.526	-1.5	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.147	0.139	5.4	88	0.00
93 T	1,2,4-Trichlorobenzene	0.900	0.986	-9.6	107	0.00
94 T	Hexachlorobutadiene	0.402	0.435	-8.2	113	0.00
95 T	Naphthalene	2.205	2.287	-3.7	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.819	0.878	-7.2	105	0.00

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