

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032080.D
 Acq On : 14 Aug 2025 09:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 03:44:57 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	94	0.00
2 T	Dichlorodifluoromethane	0.358	0.356	0.6	99	0.00
3 P	Chloromethane	0.482	0.429	11.0	92	0.00
4 C	Vinyl Chloride	0.583	0.555	4.8#	98	0.00
5 T	Bromomethane	0.437	0.471	-7.8	107	0.00
6 T	Chloroethane	0.386	0.395	-2.3	101	0.00
7 T	Trichlorofluoromethane	0.467	0.539	-15.4	109	0.00
8 T	Diethyl Ether	0.382	0.413	-8.1	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.609	-10.5	110	0.01
10 T	Methyl Iodide	0.781	0.804	-2.9	101	0.00
11 T	Tert butyl alcohol	0.047	0.045	4.3	84	0.00
12 CM	1,1-Dichloroethene	0.606	0.656	-8.3#	107	0.00
13 T	Acrolein	0.075	0.044	41.3#	58	0.00
14 T	Allyl chloride	0.883	0.796	9.9	87	0.00
15 T	Acrylonitrile	0.182	0.185	-1.6	90	0.00
16 T	Acetone	0.167	0.198	-18.6	114	0.00
17 T	Carbon Disulfide	1.628	1.465	10.0	88	0.00
18 T	Methyl Acetate	0.530	0.535	-0.9	90	0.00
19 T	Methyl tert-butyl Ether	1.068	1.075	-0.7	91	0.00
20 T	Methylene Chloride	0.774	0.665	14.1	91	0.00
21 T	trans-1,2-Dichloroethene	0.644	0.645	-0.2	96	0.00
22 T	Diisopropyl ether	1.860	1.859	0.1	92	0.00
23 T	Vinyl Acetate	1.222	1.312	-7.4	95	0.00
24 P	1,1-Dichloroethane	1.189	1.171	1.5	95	0.00
25 T	2-Butanone	0.238	0.258	-8.4	95	0.00
26 T	2,2-Dichloropropane	0.596	0.596	0.0	96	0.00
27 T	cis-1,2-Dichloroethene	0.752	0.779	-3.6	98	0.00
28 T	Bromochloromethane	0.541	0.510	5.7	88	0.00
29 T	Tetrahydrofuran	0.157	0.164	-4.5	90	0.00
30 C	Chloroform	1.260	1.337	-6.1#	101	0.00
31 T	Cyclohexane	1.031	0.928	10.0	90	0.00
32 T	1,1,1-Trichloroethane	0.915	0.941	-2.8	101	0.00
33 S	1,2-Dichloroethane-d4	0.723	0.728	-0.7	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.323	0.346	-7.1	96	0.00
36 T	1,1-Dichloropropene	0.455	0.483	-6.2	94	0.00
37 T	Ethyl Acetate	0.268	0.312	-16.4	96	0.00
38 T	Carbon Tetrachloride	0.439	0.512	-16.6	104	0.00
39 T	Methylcyclohexane	0.555	0.577	-4.0	91	0.00
40 TM	Benzene	1.415	1.526	-7.8	94	0.00
41 T	Methacrylonitrile	0.152	0.166	-9.2	90	0.00
42 TM	1,2-Dichloroethane	0.453	0.524	-15.7	102	0.00
43 T	Isopropyl Acetate	0.493	0.564	-14.4	95	0.00
44 TM	Trichloroethene	0.337	0.379	-12.5	101	0.00
45 C	1,2-Dichloropropane	0.342	0.367	-7.3#	95	0.00
46 T	Dibromomethane	0.221	0.260	-17.6	103	0.00
47 T	Bromodichloromethane	0.509	0.582	-14.3	99	0.00
48 T	Methyl methacrylate	0.238	0.265	-11.3	90	0.00

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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)
49 T	1,4-Dioxane	0.003	0.003	0.0	90	0.00
50 S	Toluene-d8	1.195	1.227	-2.7	89	0.00
51 T	4-Methyl-2-Pentanone	0.279	0.333	-19.4	97	0.00
52 CM	Toluene	0.892	0.978	-9.6#	95	0.00
53 T	t-1,3-Dichloropropene	0.476	0.531	-11.6	94	0.00
54 T	cis-1,3-Dichloropropene	0.541	0.595	-10.0	93	0.00
55 T	1,1,2-Trichloroethane	0.293	0.332	-13.3	99	0.00
56 T	Ethyl methacrylate	0.392	0.444	-13.3	92	0.00
57 T	1,3-Dichloropropane	0.511	0.560	-9.6	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.217	0.222	-2.3	84	0.00
59 T	2-Hexanone	0.193	0.234	-21.2	96	0.00
60 T	Dibromochloromethane	0.335	0.404	-20.6	105	0.00
61 T	1,2-Dibromoethane	0.285	0.331	-16.1	101	0.00
62 S	4-Bromofluorobenzene	0.440	0.443	-0.7	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.289	0.334	-15.6	107	0.00
65 PM	Chlorobenzene	1.088	1.216	-11.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.396	-16.5	104	0.00
67 C	Ethyl Benzene	1.843	2.010	-9.1#	96	0.00
68 T	m/p-Xylenes	0.711	0.801	-12.7	98	0.00
69 T	o-Xylene	0.657	0.764	-16.3	100	0.00
70 T	Styrene	1.168	1.351	-15.7	99	0.00
71 P	Bromoform	0.194	0.248	-27.8#	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.494	3.656	-4.6	98	0.00
74 T	N-amyl acetate	1.003	1.115	-11.2	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.830	0.866	-4.3	97	0.00
76 T	1,2,3-Trichloropropane	0.679	0.638	6.0	81	0.00
77 T	Bromobenzene	0.835	0.897	-7.4	100	0.00
78 T	n-propylbenzene	4.302	4.595	-6.8	100	0.00
79 T	2-Chlorotoluene	2.655	2.717	-2.3	97	0.00
80 T	1,3,5-Trimethylbenzene	2.967	3.203	-8.0	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.264	-0.8	89	0.00
82 T	4-Chlorotoluene	2.821	2.918	-3.4	98	0.00
83 T	tert-Butylbenzene	2.462	2.704	-9.8	102	0.00
84 T	1,2,4-Trimethylbenzene	3.020	3.205	-6.1	98	0.00
85 T	sec-Butylbenzene	3.722	3.848	-3.4	97	0.00
86 T	p-Isopropyltoluene	3.103	3.321	-7.0	98	0.00
87 T	1,3-Dichlorobenzene	1.661	1.866	-12.3	104	0.00
88 T	1,4-Dichlorobenzene	1.678	1.832	-9.2	107	0.00
89 T	n-Butylbenzene	3.015	3.233	-7.2	99	0.00
90 T	Hexachloroethane	0.568	0.586	-3.2	101	0.00
91 T	1,2-Dichlorobenzene	1.504	1.699	-13.0	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.147	0.155	-5.4	95	0.00
93 T	1,2,4-Trichlorobenzene	0.900	0.991	-10.1	105	0.00
94 T	Hexachlorobutadiene	0.402	0.466	-15.9	118	0.00
95 T	Naphthalene	2.205	2.543	-15.3	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.819	0.932	-13.8	109	0.00

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