

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032107.D
 Acq On : 22 Aug 2025 12:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 03:50:17 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	103	0.00
2 T	Dichlorodifluoromethane	0.358	0.349	2.5	106	0.00
3 P	Chloromethane	0.482	0.393	18.5	92	0.00
4 C	Vinyl Chloride	0.583	0.545	6.5#	106	0.00
5 T	Bromomethane	0.437	0.441	-0.9	110	0.00
6 T	Chloroethane	0.386	0.377	2.3	105	0.00
7 T	Trichlorofluoromethane	0.467	0.489	-4.7	108	0.00
8 T	Diethyl Ether	0.382	0.362	5.2	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.604	-9.6	120	0.00
10 T	Methyl Iodide	0.781	0.757	3.1	104	0.00
11 T	Tert butyl alcohol	0.047	0.042	10.6	85	0.00
12 CM	1,1-Dichloroethene	0.606	0.640	-5.6#	114	0.00
13 T	Acrolein	0.075	0.025	66.7#	36#	0.00
14 T	Allyl chloride	0.883	0.787	10.9	94	0.00
15 T	Acrylonitrile	0.182	0.163	10.4	88	0.00
16 T	Acetone	0.167	0.188	-12.6	118	0.00
17 T	Carbon Disulfide	1.628	1.435	11.9	95	0.00
18 T	Methyl Acetate	0.530	0.453	14.5	84	-0.01
19 T	Methyl tert-butyl Ether	1.068	1.006	5.8	94	0.00
20 T	Methylene Chloride	0.774	0.660	14.7	99	0.00
21 T	trans-1,2-Dichloroethene	0.644	0.612	5.0	100	0.00
22 T	Diisopropyl ether	1.860	1.718	7.6	93	0.00
23 T	Vinyl Acetate	1.222	1.201	1.7	95	0.00
24 P	1,1-Dichloroethane	1.189	1.097	7.7	97	0.00
25 T	2-Butanone	0.238	0.220	7.6	89	0.00
26 T	2,2-Dichloropropane	0.596	0.604	-1.3	107	-0.01
27 T	cis-1,2-Dichloroethene	0.752	0.729	3.1	100	0.00
28 T	Bromochloromethane	0.541	0.470	13.1	89	0.00
29 T	Tetrahydrofuran	0.157	0.145	7.6	87	0.00
30 C	Chloroform	1.260	1.241	1.5#	103	0.00
31 T	Cyclohexane	1.031	0.909	11.8	97	0.00
32 T	1,1,1-Trichloroethane	0.915	0.922	-0.8	109	0.00
33 S	1,2-Dichloroethane-d4	0.723	0.663	8.3	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.323	0.326	-0.9	95	0.00
36 T	1,1-Dichloropropene	0.455	0.494	-8.6	100	0.00
37 T	Ethyl Acetate	0.268	0.288	-7.5	93	0.00
38 T	Carbon Tetrachloride	0.439	0.530	-20.7	112	0.00
39 T	Methylcyclohexane	0.555	0.602	-8.5	99	0.00
40 TM	Benzene	1.415	1.488	-5.2	96	0.00
41 T	Methacrylonitrile	0.152	0.167	-9.9	95	0.00
42 TM	1,2-Dichloroethane	0.453	0.496	-9.5	101	0.00
43 T	Isopropyl Acetate	0.493	0.530	-7.5	93	0.00
44 TM	Trichloroethene	0.337	0.359	-6.5	101	0.00
45 C	1,2-Dichloropropane	0.342	0.351	-2.6#	94	0.00
46 T	Dibromomethane	0.221	0.238	-7.7	99	0.00
47 T	Bromodichloromethane	0.509	0.554	-8.8	99	0.00
48 T	Methyl methacrylate	0.238	0.248	-4.2	88	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
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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	1.195	1.210	-1.3	92	0.00
51 T	4-Methyl-2-Pentanone	0.279	0.303	-8.6	92	0.00
52 CM	Toluene	0.892	0.971	-8.9#	99	0.00
53 T	t-1,3-Dichloropropene	0.476	0.513	-7.8	94	0.00
54 T	cis-1,3-Dichloropropene	0.541	0.575	-6.3	94	0.00
55 T	1,1,2-Trichloroethane	0.293	0.311	-6.1	96	0.00
56 T	Ethyl methacrylate	0.392	0.424	-8.2	92	0.00
57 T	1,3-Dichloropropane	0.511	0.526	-2.9	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.217	0.217	0.0	85	0.00
59 T	2-Hexanone	0.193	0.213	-10.4	92	0.00
60 T	Dibromochloromethane	0.335	0.382	-14.0	104	0.00
61 T	1,2-Dibromoethane	0.285	0.302	-6.0	96	0.00
62 S	4-Bromofluorobenzene	0.440	0.431	2.0	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.289	0.332	-14.9	110	0.00
65 PM	Chlorobenzene	1.088	1.175	-8.0	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.394	-15.9	107	0.00
67 C	Ethyl Benzene	1.843	2.079	-12.8#	103	0.00
68 T	m/p-Xylenes	0.711	0.819	-15.2	104	0.00
69 T	o-Xylene	0.657	0.753	-14.6	102	0.00
70 T	Styrene	1.168	1.307	-11.9	100	0.00
71 P	Bromoform	0.194	0.242	-24.7	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.494	3.813	-9.1	104	0.00
74 T	N-amyl acetate	1.003	1.074	-7.1	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.830	0.843	-1.6	96	0.00
76 T	1,2,3-Trichloropropane	0.679	0.616	9.3	80	0.00
77 T	Bromobenzene	0.835	0.929	-11.3	106	0.00
78 T	n-propylbenzene	4.302	4.825	-12.2	107	0.00
79 T	2-Chlorotoluene	2.655	2.808	-5.8	102	0.00
80 T	1,3,5-Trimethylbenzene	2.967	3.250	-9.5	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.258	1.5	89	0.00
82 T	4-Chlorotoluene	2.821	2.887	-2.3	99	0.00
83 T	tert-Butylbenzene	2.462	2.882	-17.1	111	0.00
84 T	1,2,4-Trimethylbenzene	3.020	3.344	-10.7	104	0.00
85 T	sec-Butylbenzene	3.722	4.197	-12.8	108	0.00
86 T	p-Isopropyltoluene	3.103	3.477	-12.1	105	0.00
87 T	1,3-Dichlorobenzene	1.661	1.884	-13.4	107	0.00
88 T	1,4-Dichlorobenzene	1.678	1.851	-10.3	110	0.00
89 T	n-Butylbenzene	3.015	3.461	-14.8	108	0.00
90 T	Hexachloroethane	0.568	0.636	-12.0	112	0.00
91 T	1,2-Dichlorobenzene	1.504	1.629	-8.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.147	0.145	1.4	91	0.00
93 T	1,2,4-Trichlorobenzene	0.900	0.998	-10.9	108	0.00
94 T	Hexachlorobutadiene	0.402	0.462	-14.9	119	0.00
95 T	Naphthalene	2.205	2.321	-5.3	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.819	0.899	-9.8	107	0.00

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