

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032059.D
 Acq On : 11 Aug 2025 11:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW081125

Quant Time: Aug 12 04:12:44 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	101	0.00
2 T	Dichlorodifluoromethane	0.358	0.308	14.0	93	0.00
3 P	Chloromethane	0.482	0.457	5.2	106	0.00
4 C	Vinyl Chloride	0.583	0.549	5.8#	105	0.00
5 T	Bromomethane	0.437	0.413	5.5	102	0.00
6 T	Chloroethane	0.386	0.369	4.4	102	0.00
7 T	Trichlorofluoromethane	0.467	0.480	-2.8	105	0.00
8 T	Diethyl Ether	0.382	0.385	-0.8	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.551	0.521	5.4	102	0.00
10 T	Methyl Iodide	0.781	0.777	0.5	105	0.00
11 T	Tert butyl alcohol	0.047	0.051	-8.5	102	-0.01
12 CM	1,1-Dichloroethene	0.606	0.582	4.0#	103	0.00
13 T	Acrolein	0.075	0.071	5.3	102	0.00
14 T	Allyl chloride	0.883	0.902	-2.2	106	0.00
15 T	Acrylonitrile	0.182	0.194	-6.6	103	0.00
16 T	Acetone	0.167	0.170	-1.8	106	0.00
17 T	Carbon Disulfide	1.628	1.594	2.1	104	0.00
18 T	Methyl Acetate	0.530	0.557	-5.1	102	0.00
19 T	Methyl tert-butyl Ether	1.068	1.164	-9.0	107	0.00
20 T	Methylene Chloride	0.774	0.719	7.1	107	0.00
21 T	trans-1,2-Dichloroethene	0.644	0.644	0.0	104	0.00
22 T	Diisopropyl ether	1.860	1.936	-4.1	104	0.00
23 T	Vinyl Acetate	1.222	1.320	-8.0	103	0.00
24 P	1,1-Dichloroethane	1.189	1.170	1.6	103	0.00
25 T	2-Butanone	0.238	0.259	-8.8	103	0.00
26 T	2,2-Dichloropropane	0.596	0.592	0.7	104	0.00
27 T	cis-1,2-Dichloroethene	0.752	0.773	-2.8	105	0.00
28 T	Bromochloromethane	0.541	0.544	-0.6	102	0.00
29 T	Tetrahydrofuran	0.157	0.172	-9.6	102	0.00
30 C	Chloroform	1.260	1.255	0.4#	103	0.00
31 T	Cyclohexane	1.031	0.961	6.8	101	0.00
32 T	1,1,1-Trichloroethane	0.915	0.917	-0.2	107	0.00
33 S	1,2-Dichloroethane-d4	0.723	0.712	1.5	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.323	0.323	0.0	103	0.00
36 T	1,1-Dichloropropene	0.455	0.451	0.9	100	0.00
37 T	Ethyl Acetate	0.268	0.296	-10.4	104	0.00
38 T	Carbon Tetrachloride	0.439	0.440	-0.2	101	0.00
39 T	Methylcyclohexane	0.555	0.579	-4.3	103	0.00
40 TM	Benzene	1.415	1.423	-0.6	100	0.00
41 T	Methacrylonitrile	0.152	0.168	-10.5	104	0.00
42 TM	1,2-Dichloroethane	0.453	0.463	-2.2	103	0.00
43 T	Isopropyl Acetate	0.493	0.541	-9.7	104	0.00
44 TM	Trichloroethene	0.337	0.332	1.5	101	0.00
45 C	1,2-Dichloropropane	0.342	0.352	-2.9#	103	0.00
46 T	Dibromomethane	0.221	0.223	-0.9	101	0.00
47 T	Bromodichloromethane	0.509	0.527	-3.5	102	0.00
48 T	Methyl methacrylate	0.238	0.262	-10.1	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	104	0.00
50 S	Toluene-d8	1.195	1.188	0.6	99	0.00
51 T	4-Methyl-2-Pentanone	0.279	0.307	-10.0	102	0.00
52 CM	Toluene	0.892	0.899	-0.8#	100	0.00
53 T	t-1,3-Dichloropropene	0.476	0.506	-6.3	102	0.00
54 T	cis-1,3-Dichloropropene	0.541	0.568	-5.0	101	0.00
55 T	1,1,2-Trichloroethane	0.293	0.303	-3.4	103	0.00
56 T	Ethyl methacrylate	0.392	0.442	-12.8	104	0.00
57 T	1,3-Dichloropropane	0.511	0.523	-2.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.217	0.237	-9.2	102	0.00
59 T	2-Hexanone	0.193	0.217	-12.4	102	0.00
60 T	Dibromochloromethane	0.335	0.350	-4.5	104	0.00
61 T	1,2-Dibromoethane	0.285	0.300	-5.3	104	0.00
62 S	4-Bromofluorobenzene	0.440	0.453	-3.0	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.289	0.296	-2.4	109	0.00
65 PM	Chlorobenzene	1.088	1.077	1.0	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.342	-0.6	103	0.00
67 C	Ethyl Benzene	1.843	1.853	-0.5#	101	0.00
68 T	m/p-Xylenes	0.711	0.723	-1.7	101	0.00
69 T	o-Xylene	0.657	0.676	-2.9	102	0.00
70 T	Styrene	1.168	1.211	-3.7	102	0.00
71 P	Bromoform	0.194	0.213	-9.8	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.494	3.674	-5.2	102	0.00
74 T	N-amyl acetate	1.003	1.116	-11.3	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.830	0.871	-4.9	102	0.00
76 T	1,2,3-Trichloropropane	0.679	0.653	3.8	87	0.00
77 T	Bromobenzene	0.835	0.833	0.2	97	0.00
78 T	n-propylbenzene	4.302	4.401	-2.3	100	0.00
79 T	2-Chlorotoluene	2.655	2.714	-2.2	101	0.00
80 T	1,3,5-Trimethylbenzene	2.967	3.102	-4.6	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.281	-7.3	99	0.00
82 T	4-Chlorotoluene	2.821	2.839	-0.6	100	0.00
83 T	tert-Butylbenzene	2.462	2.648	-7.6	105	0.00
84 T	1,2,4-Trimethylbenzene	3.020	3.220	-6.6	103	0.00
85 T	sec-Butylbenzene	3.722	3.765	-1.2	100	0.00
86 T	p-Isopropyltoluene	3.103	3.201	-3.2	99	0.00
87 T	1,3-Dichlorobenzene	1.661	1.671	-0.6	97	0.00
88 T	1,4-Dichlorobenzene	1.678	1.676	0.1	102	0.00
89 T	n-Butylbenzene	3.015	3.133	-3.9	100	0.00
90 T	Hexachloroethane	0.568	0.571	-0.5	103	0.00
91 T	1,2-Dichlorobenzene	1.504	1.532	-1.9	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.147	0.159	-8.2	102	0.00
93 T	1,2,4-Trichlorobenzene	0.900	0.950	-5.6	105	0.00
94 T	Hexachlorobutadiene	0.402	0.412	-2.5	109	0.00
95 T	Naphthalene	2.205	2.400	-8.8	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.819	0.890	-8.7	109	0.00

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