

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
 Data File : VW032265.D
 Acq On : 25 Sep 2025 14:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW092525

Quant Time: Sep 26 07:14:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 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	105	0.00
2 T	Dichlorodifluoromethane	0.345	0.281	18.6	99	0.00
3 P	Chloromethane	0.494	0.418	15.4	103	0.00
4 C	Vinyl Chloride	0.578	0.519	10.2#	101	0.00
5 T	Bromomethane	0.394	0.361	8.4	103	0.00
6 T	Chloroethane	0.391	0.357	8.7	104	0.00
7 T	Trichlorofluoromethane	0.435	0.370	14.9	101	0.00
8 T	Diethyl Ether	0.412	0.359	12.9	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.556	0.504	9.4	100	0.00
10 T	Methyl Iodide	0.751	0.698	7.1	103	0.01
11 T	Tert butyl alcohol	0.055	0.051	7.3	117	0.00
12 CM	1,1-Dichloroethene	0.594	0.536	9.8#	102	0.00
13 T	Acrolein	0.098	0.086	12.2	100	0.00
14 T	Allyl chloride	0.922	0.867	6.0	103	0.00
15 T	Acrylonitrile	0.212	0.195	8.0	108	0.00
16 T	Acetone	0.203	0.200	1.5	128	0.00
17 T	Carbon Disulfide	1.365	1.239	9.2	103	0.00
18 T	Methyl Acetate	0.697	0.718	-3.0	102	0.00
19 T	Methyl tert-butyl Ether	1.101	1.102	-0.1	108	0.00
20 T	Methylene Chloride	0.991	0.636	35.8#	89	0.00
21 T	trans-1,2-Dichloroethene	0.640	0.591	7.7	102	0.00
22 T	Diisopropyl ether	2.048	1.963	4.2	102	0.00
23 T	Vinyl Acetate	1.317	1.256	4.6	108	0.00
24 P	1,1-Dichloroethane	1.293	1.190	8.0	101	0.00
25 T	2-Butanone	0.283	0.277	2.1	115	0.00
26 T	2,2-Dichloropropane	0.637	0.602	5.5	105	0.00
27 T	cis-1,2-Dichloroethene	0.796	0.738	7.3	101	0.00
28 T	Bromochloromethane	0.617	0.572	7.3	101	0.00
29 T	Tetrahydrofuran	0.183	0.171	6.6	108	0.00
30 C	Chloroform	1.349	1.229	8.9#	100	0.00
31 T	Cyclohexane	1.019	0.881	13.5	101	0.00
32 T	1,1,1-Trichloroethane	0.909	0.838	7.8	100	0.00
33 S	1,2-Dichloroethane-d4	0.789	0.698	11.5	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.360	0.325	9.7	100	0.00
36 T	1,1-Dichloropropene	0.485	0.460	5.2	102	0.00
37 T	Ethyl Acetate	0.322	0.300	6.8	107	0.00
38 T	Carbon Tetrachloride	0.456	0.429	5.9	103	0.00
39 T	Methylcyclohexane	0.561	0.544	3.0	102	0.00
40 TM	Benzene	1.526	1.433	6.1	101	0.00
41 T	Methacrylonitrile	0.184	0.180	2.2	109	0.00
42 TM	1,2-Dichloroethane	0.507	0.475	6.3	105	0.00
43 T	Isopropyl Acetate	0.576	0.562	2.4	110	0.00
44 TM	Trichloroethene	0.357	0.335	6.2	104	0.00
45 C	1,2-Dichloropropane	0.395	0.364	7.8#	99	0.00
46 T	Dibromomethane	0.243	0.227	6.6	103	0.00
47 T	Bromodichloromethane	0.554	0.515	7.0	99	0.00
48 T	Methyl methacrylate	0.271	0.273	-0.7	109	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	1.296	1.214	6.3	104	0.00
51 T	4-Methyl-2-Pentanone	0.341	0.331	2.9	109	0.00
52 CM	Toluene	0.946	0.919	2.9#	105	0.00
53 T	t-1,3-Dichloropropene	0.508	0.509	-0.2	107	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.572	2.4	104	0.00
55 T	1,1,2-Trichloroethane	0.332	0.304	8.4	103	0.00
56 T	Ethyl methacrylate	0.437	0.441	-0.9	108	0.00
57 T	1,3-Dichloropropane	0.573	0.542	5.4	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.240	0.255	-6.3	108	0.00
59 T	2-Hexanone	0.233	0.235	-0.9	112	0.00
60 T	Dibromochloromethane	0.364	0.342	6.0	99	0.00
61 T	1,2-Dibromoethane	0.314	0.296	5.7	103	0.00
62 S	4-Bromofluorobenzene	0.489	0.455	7.0	101	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.305	0.299	2.0	101	0.00
65 PM	Chlorobenzene	1.152	1.106	4.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.364	0.361	0.8	102	0.00
67 C	Ethyl Benzene	1.885	1.896	-0.6#	103	0.00
68 T	m/p-Xylenes	0.723	0.732	-1.2	104	0.00
69 T	o-Xylene	0.679	0.690	-1.6	100	0.00
70 T	Styrene	1.191	1.243	-4.4	102	0.00
71 P	Bromoform	0.212	0.205	3.3	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.480	3.655	-5.0	103	0.00
74 T	N-amyl acetate	1.096	1.126	-2.7	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.912	0.893	2.1	105	0.00
76 T	1,2,3-Trichloropropane	0.688	0.657	4.5	103	0.00
77 T	Bromobenzene	0.856	0.844	1.4	96	0.00
78 T	n-propylbenzene	4.371	4.497	-2.9	100	0.00
79 T	2-Chlorotoluene	2.648	2.708	-2.3	102	0.00
80 T	1,3,5-Trimethylbenzene	2.975	3.026	-1.7	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.265	0.272	-2.6	105	0.00
82 T	4-Chlorotoluene	2.799	2.866	-2.4	102	0.00
83 T	tert-Butylbenzene	2.488	2.594	-4.3	103	0.00
84 T	1,2,4-Trimethylbenzene	3.021	3.100	-2.6	101	0.00
85 T	sec-Butylbenzene	3.737	3.971	-6.3	104	0.00
86 T	p-Isopropyltoluene	3.095	3.320	-7.3	102	0.00
87 T	1,3-Dichlorobenzene	1.693	1.662	1.8	100	0.00
88 T	1,4-Dichlorobenzene	1.730	1.733	-0.2	108	0.00
89 T	n-Butylbenzene	3.106	3.226	-3.9	102	0.00
90 T	Hexachloroethane	0.577	0.572	0.9	104	0.00
91 T	1,2-Dichlorobenzene	1.584	1.520	4.0	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.156	0.152	2.6	110	0.00
93 T	1,2,4-Trichlorobenzene	0.940	0.939	0.1	102	0.00
94 T	Hexachlorobutadiene	0.432	0.418	3.2	111	0.00
95 T	Naphthalene	2.255	2.360	-4.7	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.891	-1.9	104	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6