

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072225\
 Data File : VW031898.D
 Acq On : 22 Jul 2025 14:47
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW072225

Quant Time: Jul 23 08:20:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 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	-0.01
2 T	Dichlorodifluoromethane	0.372	0.351	5.6	98	0.00
3 P	Chloromethane	0.477	0.461	3.4	107	0.00
4 C	Vinyl Chloride	0.620	0.603	2.7#	99	0.00
5 T	Bromomethane	0.456	0.437	4.2	101	0.00
6 T	Chloroethane	0.409	0.394	3.7	101	0.00
7 T	Trichlorofluoromethane	0.628	0.593	5.6	88	0.00
8 T	Diethyl Ether	0.419	0.393	6.2	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.580	4.0	99	0.00
10 T	Methyl Iodide	0.902	0.860	4.7	100	0.00
11 T	Tert butyl alcohol	0.044	0.049	-11.4	112	0.00
12 CM	1,1-Dichloroethene	0.667	0.647	3.0#	101	0.00
13 T	Acrolein	0.065	0.058	10.8	111	-0.01
14 T	Allyl chloride	1.038	1.006	3.1	100	0.00
15 T	Acrylonitrile	0.187	0.189	-1.1	104	0.00
16 T	Acetone	0.179	0.188	-5.0	114	0.00
17 T	Carbon Disulfide	1.729	1.697	1.9	101	0.00
18 T	Methyl Acetate	0.494	0.513	-3.8	109	0.00
19 T	Methyl tert-butyl Ether	1.152	1.159	-0.6	103	0.00
20 T	Methylene Chloride	0.944	0.754	20.1	100	0.00
21 T	trans-1,2-Dichloroethene	0.707	0.682	3.5	99	0.00
22 T	Diisopropyl ether	2.077	2.028	2.4	99	0.00
23 T	Vinyl Acetate	1.357	1.398	-3.0	104	-0.01
24 P	1,1-Dichloroethane	1.293	1.263	2.3	100	0.00
25 T	2-Butanone	0.246	0.261	-6.1	111	0.00
26 T	2,2-Dichloropropane	0.732	0.705	3.7	96	0.00
27 T	cis-1,2-Dichloroethene	0.832	0.811	2.5	99	0.00
28 T	Bromochloromethane	0.541	0.532	1.7	102	0.00
29 T	Tetrahydrofuran	0.161	0.168	-4.3	106	0.00
30 C	Chloroform	1.356	1.349	0.5#	103	0.00
31 T	Cyclohexane	1.160	1.088	6.2	99	0.00
32 T	1,1,1-Trichloroethane	1.032	1.005	2.6	100	0.00
33 S	1,2-Dichloroethane-d4	0.756	0.685	9.4	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.340	0.315	7.4	96	0.00
36 T	1,1-Dichloropropene	0.522	0.518	0.8	101	0.00
37 T	Ethyl Acetate	0.298	0.303	-1.7	102	0.00
38 T	Carbon Tetrachloride	0.501	0.492	1.8	100	0.00
39 T	Methylcyclohexane	0.657	0.669	-1.8	102	0.00
40 TM	Benzene	1.545	1.527	1.2	100	0.00
41 T	Methacrylonitrile	0.178	0.176	1.1	98	0.00
42 TM	1,2-Dichloroethane	0.494	0.487	1.4	101	0.00
43 T	Isopropyl Acetate	0.539	0.558	-3.5	105	0.00
44 TM	Trichloroethene	0.367	0.360	1.9	99	0.00
45 C	1,2-Dichloropropane	0.372	0.363	2.4#	101	0.00
46 T	Dibromomethane	0.231	0.230	0.4	102	0.00
47 T	Bromodichloromethane	0.553	0.558	-0.9	104	0.00
48 T	Methyl methacrylate	0.256	0.267	-4.3	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	92	0.00
50 S	Toluene-d8	1.286	1.186	7.8	97	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.309	-4.7	105	0.00
52 CM	Toluene	0.993	0.983	1.0#	100	0.00
53 T	t-1,3-Dichloropropene	0.530	0.543	-2.5	104	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.614	-1.3	102	0.00
55 T	1,1,2-Trichloroethane	0.306	0.306	0.0	102	0.00
56 T	Ethyl methacrylate	0.433	0.456	-5.3	103	0.00
57 T	1,3-Dichloropropane	0.540	0.542	-0.4	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.237	-6.8	106	0.00
59 T	2-Hexanone	0.205	0.222	-8.3	108	0.00
60 T	Dibromochloromethane	0.357	0.356	0.3	101	0.00
61 T	1,2-Dibromoethane	0.303	0.299	1.3	101	0.00
62 S	4-Bromofluorobenzene	0.494	0.452	8.5	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.330	0.321	2.7	101	0.00
65 PM	Chlorobenzene	1.224	1.165	4.8	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.395	-4.2	106	0.00
67 C	Ethyl Benzene	2.150	2.122	1.3#	97	0.00
68 T	m/p-Xylenes	0.809	0.800	1.1	99	0.00
69 T	o-Xylene	0.766	0.788	-2.9	101	0.00
70 T	Styrene	1.304	1.311	-0.5	98	0.00
71 P	Bromoform	0.207	0.216	-4.3	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	4.338	4.294	1.0	99	0.00
74 T	N-amyl acetate	1.173	1.233	-5.1	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.921	0.917	0.4	102	0.00
76 T	1,2,3-Trichloropropane	0.690	0.657	4.8	97	0.00
77 T	Bromobenzene	0.939	0.935	0.4	105	0.00
78 T	n-propylbenzene	5.328	5.249	1.5	100	0.00
79 T	2-Chlorotoluene	3.181	3.119	1.9	101	0.00
80 T	1,3,5-Trimethylbenzene	3.638	3.649	-0.3	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.312	-4.3	106	0.00
82 T	4-Chlorotoluene	3.337	3.264	2.2	101	0.00
83 T	tert-Butylbenzene	3.099	3.090	0.3	102	0.00
84 T	1,2,4-Trimethylbenzene	3.683	3.620	1.7	100	0.00
85 T	sec-Butylbenzene	4.654	4.674	-0.4	103	0.00
86 T	p-Isopropyltoluene	3.847	3.867	-0.5	102	0.00
87 T	1,3-Dichlorobenzene	1.954	1.841	5.8	98	0.00
88 T	1,4-Dichlorobenzene	1.914	1.864	2.6	104	0.00
89 T	n-Butylbenzene	3.774	3.717	1.5	99	0.00
90 T	Hexachloroethane	0.665	0.660	0.8	104	0.00
91 T	1,2-Dichlorobenzene	1.732	1.665	3.9	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.166	0.0	105	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.031	1.2	107	0.00
94 T	Hexachlorobutadiene	0.495	0.460	7.1	96	0.00
95 T	Naphthalene	2.567	2.695	-5.0	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.946	0.956	-1.1	104	0.00

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