

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026703.D
 Acq On : 5 Aug 2025 9:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 06 01:17:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 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	71	-0.01
2 T	Dichlorodifluoromethane	0.364	0.315	13.5	62	0.00
3 P	Chloromethane	0.542	0.531	2.0	73	0.00
4 C	Vinyl Chloride	0.554	0.611	-10.3#	83	0.00
5 T	Bromomethane	0.270	0.302	-11.9	83	0.00
6 T	Chloroethane	0.356	0.393	-10.4	86	0.00
7 T	Trichlorofluoromethane	0.998	1.173	-17.5	86	0.00
8 T	Diethyl Ether	0.443	0.405	8.6	66	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.489	9.1	66	-0.01
10 T	Methyl Iodide	0.519	0.467	10.0	63	-0.01
11 T	Tert butyl alcohol	0.099	0.090	9.1	64	-0.02
12 CM	1,1-Dichloroethene	0.532	0.476	10.5#	64	-0.02
13 T	Acrolein	0.145	0.149	-2.8	72	0.00
14 T	Allyl chloride	1.046	0.951	9.1	69	-0.01
15 T	Acrylonitrile	0.393	0.398	-1.3	69	-0.02
16 T	Acetone	0.297	0.285	4.0	65	-0.01
17 T	Carbon Disulfide	0.787	0.651	17.3	58	-0.01
18 T	Methyl Acetate	1.240	1.285	-3.6	73	-0.01
19 T	Methyl tert-butyl Ether	2.129	1.978	7.1	66	-0.02
20 T	Methylene Chloride	0.705	0.630	10.6	66	-0.02
21 T	trans-1,2-Dichloroethene	0.585	0.537	8.2	66	-0.02
22 T	Diisopropyl ether	2.452	2.486	-1.4	72	-0.01
23 T	Vinyl Acetate	1.398	1.501	-7.4	75	-0.02
24 P	1,1-Dichloroethane	1.242	1.150	7.4	68	-0.02
25 T	2-Butanone	0.460	0.464	-0.9	69	-0.02
26 T	2,2-Dichloropropane	0.858	0.785	8.5	64	-0.02
27 T	cis-1,2-Dichloroethene	0.752	0.702	6.6	66	-0.02
28 T	Bromochloromethane	0.447	0.441	1.3	77	-0.02
29 C	Chloroform	1.076	1.048	2.6#	69	-0.02
30 T	Cyclohexane	1.003	0.913	9.0	70	0.00
31 T	1,1,1-Trichloroethane	0.777	0.759	2.3	68	-0.01
32 S	1,2-Dichloroethane-d4	0.633	0.630	0.5	69	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
34 S	Dibromofluoromethane	0.309	0.307	0.6	67	0.00
35 T	1,1-Dichloropropene	0.390	0.378	3.1	67	-0.01
36 T	Ethyl Acetate	0.467	0.490	-4.9	72	-0.02
37 T	Carbon Tetrachloride	0.318	0.313	1.6	67	-0.02
38 T	Methylcyclohexane	0.447	0.427	4.5	67	0.00
39 TM	Benzene	1.405	1.417	-0.9	70	-0.02
40 T	Methacrylonitrile	0.290	0.302	-4.1	74	-0.01
41 TM	1,2-Dichloroethane	0.357	0.361	-1.1	72	-0.01
42 T	Isopropyl Acetate	0.751	0.790	-5.2	72	-0.01
43 TM	Trichloroethene	0.270	0.267	1.1	71	-0.01
44 C	1,2-Dichloropropane	0.332	0.333	-0.3#	71	0.00
45 T	Dibromomethane	0.185	0.184	0.5	72	0.00
46 T	Bromodichloromethane	0.358	0.361	-0.8	69	-0.01
47 T	Methyl methacrylate	0.329	0.355	-7.9	72	0.00
48 T	1,4-Dioxane	0.005	0.006	-20.0	72	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 S	Toluene-d8	1.108	1.211	-9.3	74	0.00
50 T	4-Methyl-2-Pentanone	0.392	0.448	-14.3	76	0.00
51 CM	Toluene	0.717	0.772	-7.7#	75	0.00
52 T	t-1,3-Dichloropropene	0.351	0.377	-7.4	72	0.00
53 T	cis-1,3-Dichloropropene	0.421	0.448	-6.4	71	0.00
54 T	1,1,2-Trichloroethane	0.262	0.285	-8.8	75	0.00
55 T	Ethyl methacrylate	0.433	0.480	-10.9	72	0.00
56 T	1,3-Dichloropropane	0.446	0.484	-8.5	74	0.00
57 T	2-Chloroethyl Vinyl ether	0.024	0.031	-29.2#	79	0.00
58 T	2-Hexanone	0.264	0.297	-12.5	71	0.00
59 T	Dibromochloromethane	0.222	0.248	-11.7	75	0.00
60 T	1,2-Dibromoethane	0.225	0.251	-11.6	77	0.00
61 S	4-Bromofluorobenzene	0.315	0.344	-9.2	74	0.00
62 I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
63 T	Tetrachloroethene	0.273	0.279	-2.2	77	0.00
64 PM	Chlorobenzene	1.041	1.046	-0.5	75	-0.01
65 T	1,1,1,2-Tetrachloroethane	0.284	0.301	-6.0	74	0.00
66 C	Ethyl Benzene	1.737	1.811	-4.3#	76	0.00
67 T	m/p-Xylenes	0.694	0.720	-3.7	76	0.00
68 T	o-Xylene	0.674	0.714	-5.9	77	0.00
69 T	Styrene	1.126	1.211	-7.5	78	0.00
70 P	Bromoform	0.161	0.171	-6.2	72	0.00
71 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	-0.01
72 T	Isopropylbenzene	3.564	3.525	1.1	77	0.00
73 T	N-amyl acetate	1.413	1.403	0.7	74	0.00
74 P	1,1,2,2-Tetrachloroethane	1.046	1.036	1.0	76	0.00
75 T	1,2,3-Trichloropropane	0.829	0.707	14.7	66	0.00
76 T	Bromobenzene	0.825	0.799	3.2	76	0.00
77 T	n-propylbenzene	4.252	4.313	-1.4	78	0.00
78 T	2-Chlorotoluene	2.412	2.321	3.8	76	0.00
79 T	1,3,5-Trimethylbenzene	2.787	2.773	0.5	76	0.00
80 T	trans-1,4-Dichloro-2-butene	0.285	0.284	0.4	69	0.00
81 T	4-Chlorotoluene	2.464	2.358	4.3	76	0.00
82 T	tert-Butylbenzene	2.535	2.572	-1.5	77	0.00
83 T	1,2,4-Trimethylbenzene	2.759	2.823	-2.3	76	0.00
84 T	sec-Butylbenzene	3.759	3.911	-4.0	78	0.00
85 T	p-Isopropyltoluene	3.065	3.154	-2.9	75	0.00
86 T	1,3-Dichlorobenzene	1.617	1.613	0.2	76	0.00
87 T	1,4-Dichlorobenzene	1.623	1.594	1.8	77	0.00
88 T	n-Butylbenzene	2.825	2.928	-3.6	77	0.00
89 T	Hexachloroethane	0.440	0.433	1.6	73	0.00
90 T	1,2-Dichlorobenzene	1.519	1.527	-0.5	79	0.00
91 T	1,2-Dibromo-3-Chloropropane	0.139	0.133	4.3	75	0.00
92 T	1,2,4-Trichlorobenzene	0.908	0.902	0.7	79	-0.01
93 T	Hexachlorobutadiene	0.295	0.276	6.4	77	0.00
94 T	Naphthalene	2.783	2.713	2.5	75	-0.01
95 T	1,2,3-Trichlorobenzene	0.862	0.870	-0.9	77	0.00

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