

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026712.D
 Acq On : 5 Aug 2025 14:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 06 01:25:35 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	57	0.00
2 T	Dichlorodifluoromethane	0.364	0.321	11.8	51	0.00
3 P	Chloromethane	0.542	0.547	-0.9	60	0.00
4 C	Vinyl Chloride	0.554	0.616	-11.2#	67	0.00
5 T	Bromomethane	0.270	0.278	-3.0	61	-0.01
6 T	Chloroethane	0.356	0.381	-7.0	66	-0.01
7 T	Trichlorofluoromethane	0.998	1.229	-23.1	72	0.00
8 T	Diethyl Ether	0.443	0.424	4.3	55	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.482	10.4	52	0.00
10 T	Methyl Iodide	0.519	0.460	11.4	49#	0.00
11 T	Tert butyl alcohol	0.099	0.106	-7.1	60	0.00
12 CM	1,1-Dichloroethene	0.532	0.480	9.8#	52	-0.02
13 T	Acrolein	0.145	0.138	4.8	54	0.00
14 T	Allyl chloride	1.046	1.117	-6.8	65	0.00
15 T	Acrylonitrile	0.393	0.447	-13.7	62	0.00
16 T	Acetone	0.297	0.345	-16.2	63	0.00
17 T	Carbon Disulfide	0.787	0.604	23.3	43#	-0.01
18 T	Methyl Acetate	1.240	1.499	-20.9	68	0.00
19 T	Methyl tert-butyl Ether	2.129	2.064	3.1	55	-0.01
20 T	Methylene Chloride	0.705	0.654	7.2	55	-0.01
21 T	trans-1,2-Dichloroethene	0.585	0.537	8.2	53	-0.01
22 T	Diisopropyl ether	2.452	2.593	-5.8	60	-0.01
23 T	Vinyl Acetate	1.398	1.610	-15.2	65	-0.02
24 P	1,1-Dichloroethane	1.242	1.175	5.4	55	-0.02
25 T	2-Butanone	0.460	0.574	-24.8	68	-0.01
26 T	2,2-Dichloropropane	0.858	0.769	10.4	50	-0.02
27 T	cis-1,2-Dichloroethene	0.752	0.709	5.7	53	-0.02
28 T	Bromochloromethane	0.447	0.452	-1.1	63	0.00
29 C	Chloroform	1.076	1.078	-0.2#	57	-0.01
30 T	Cyclohexane	1.003	0.926	7.7	57	-0.02
31 T	1,1,1-Trichloroethane	0.777	0.766	1.4	55	-0.01
32 S	1,2-Dichloroethane-d4	0.633	0.680	-7.4	60	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	57	0.00
34 S	Dibromofluoromethane	0.309	0.319	-3.2	57	-0.01
35 T	1,1-Dichloropropene	0.390	0.381	2.3	55	0.00
36 T	Ethyl Acetate	0.467	0.541	-15.8	65	0.00
37 T	Carbon Tetrachloride	0.318	0.309	2.8	54	0.00
38 T	Methylcyclohexane	0.447	0.432	3.4	55	-0.01
39 TM	Benzene	1.405	1.404	0.1	57	-0.01
40 T	Methacrylonitrile	0.290	0.342	-17.9	68	0.00
41 TM	1,2-Dichloroethane	0.357	0.374	-4.8	61	0.00
42 T	Isopropyl Acetate	0.751	0.856	-14.0	64	0.00
43 TM	Trichloroethene	0.270	0.271	-0.4	59	0.00
44 C	1,2-Dichloropropane	0.332	0.338	-1.8#	59	0.00
45 T	Dibromomethane	0.185	0.193	-4.3	62	-0.01
46 T	Bromodichloromethane	0.358	0.371	-3.6	58	-0.01
47 T	Methyl methacrylate	0.329	0.378	-14.9	63	0.00
48 T	1,4-Dioxane	0.005	0.006	-20.0	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 S	Toluene-d8	1.108	1.270	-14.6	63	0.00
50 T	4-Methyl-2-Pentanone	0.392	0.527	-34.4#	73	0.00
51 CM	Toluene	0.717	0.784	-9.3#	63	0.00
52 T	t-1,3-Dichloropropene	0.351	0.382	-8.8	60	0.00
53 T	cis-1,3-Dichloropropene	0.421	0.451	-7.1	59	0.00
54 T	1,1,2-Trichloroethane	0.262	0.300	-14.5	65	0.00
55 T	Ethyl methacrylate	0.433	0.515	-18.9	64	0.00
56 T	1,3-Dichloropropane	0.446	0.513	-15.0	65	0.00
57 T	2-Chloroethyl Vinyl ether	0.024	0.047	-95.8#	98	0.00
58 T	2-Hexanone	0.264	0.356	-34.8#	70	0.00
59 T	Dibromochloromethane	0.222	0.245	-10.4	61	-0.01
60 T	1,2-Dibromoethane	0.225	0.264	-17.3	66	0.00
61 S	4-Bromofluorobenzene	0.315	0.358	-13.7	63	0.00
62 I	Chlorobenzene-d5	1.000	1.000	0.0	61	0.00
63 T	Tetrachloroethene	0.273	0.277	-1.5	64	-0.01
64 PM	Chlorobenzene	1.041	1.053	-1.2	63	0.00
65 T	1,1,1,2-Tetrachloroethane	0.284	0.299	-5.3	61	0.00
66 C	Ethyl Benzene	1.737	1.782	-2.6#	62	0.00
67 T	m/p-Xylenes	0.694	0.725	-4.5	63	0.00
68 T	o-Xylene	0.674	0.703	-4.3	63	0.00
69 T	Styrene	1.126	1.212	-7.6	65	0.00
70 P	Bromoform	0.161	0.177	-9.9	62	0.00
71 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	63	0.00
72 T	Isopropylbenzene	3.564	3.584	-0.6	64	0.00
73 T	N-amyl acetate	1.413	1.514	-7.1	66	0.00
74 P	1,1,2,2-Tetrachloroethane	1.046	1.141	-9.1	69	0.00
75 T	1,2,3-Trichloropropane	0.829	0.848	-2.3	65	0.00
76 T	Bromobenzene	0.825	0.818	0.8	64	0.00
77 T	n-propylbenzene	4.252	4.281	-0.7	63	0.00
78 T	2-Chlorotoluene	2.412	2.360	2.2	63	0.00
79 T	1,3,5-Trimethylbenzene	2.787	2.783	0.1	63	0.00
80 T	trans-1,4-Dichloro-2-butene	0.285	0.302	-6.0	61	-0.01
81 T	4-Chlorotoluene	2.464	2.343	4.9	62	0.00
82 T	tert-Butylbenzene	2.535	2.590	-2.2	64	0.00
83 T	1,2,4-Trimethylbenzene	2.759	2.804	-1.6	62	0.00
84 T	sec-Butylbenzene	3.759	3.854	-2.5	63	-0.01
85 T	p-Isopropyltoluene	3.065	3.169	-3.4	62	0.00
86 T	1,3-Dichlorobenzene	1.617	1.628	-0.7	63	0.00
87 T	1,4-Dichlorobenzene	1.623	1.649	-1.6	65	0.00
88 T	n-Butylbenzene	2.825	2.880	-1.9	62	0.00
89 T	Hexachloroethane	0.440	0.420	4.5	58	-0.02
90 T	1,2-Dichlorobenzene	1.519	1.550	-2.0	66	0.00
91 T	1,2-Dibromo-3-Chloropropane	0.139	0.152	-9.4	70	0.00
92 T	1,2,4-Trichlorobenzene	0.908	0.906	0.2	65	-0.01
93 T	Hexachlorobutadiene	0.295	0.280	5.1	64	-0.02
94 T	Naphthalene	2.783	3.026	-8.7	68	-0.01
95 T	1,2,3-Trichlorobenzene	0.862	0.883	-2.4	64	0.00

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