

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080625\
 Data File : VR026721.D
 Acq On : 6 Aug 2025 17:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 07 01:16:52 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	50#	-0.02
2 T	Dichlorodifluoromethane	0.364	0.321	11.8	45#	0.00
3 P	Chloromethane	0.542	0.493	9.0	48#	-0.01
4 C	Vinyl Chloride	0.554	0.601	-8.5#	58	-0.01
5 T	Bromomethane	0.270	0.303	-12.2	59	-0.01
6 T	Chloroethane	0.356	0.401	-12.6	62	-0.01
7 T	Trichlorofluoromethane	0.998	1.304	-30.7#	67	0.00
8 T	Diethyl Ether	0.443	0.417	5.9	48#	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.484	10.0	46#	-0.02
10 T	Methyl Iodide	0.519	0.486	6.4	46#	-0.02
11 T	Tert butyl alcohol	0.099	0.085	14.1	43#	-0.02
12 CM	1,1-Dichloroethene	0.532	0.486	8.6#	46#	-0.02
13 T	Acrolein	0.145	0.121	16.6	41#	0.00
14 T	Allyl chloride	1.046	1.023	2.2	53	-0.02
15 T	Acrylonitrile	0.393	0.419	-6.6	51	-0.02
16 T	Acetone	0.297	0.289	2.7	46#	-0.02
17 T	Carbon Disulfide	0.787	0.595	24.4	38#	-0.02
18 T	Methyl Acetate	1.240	1.414	-14.0	56	-0.02
19 T	Methyl tert-butyl Ether	2.129	1.979	7.0	47#	-0.02
20 T	Methylene Chloride	0.705	0.642	8.9	47#	-0.02
21 T	trans-1,2-Dichloroethene	0.585	0.521	10.9	45#	-0.02
22 T	Diisopropyl ether	2.452	2.435	0.7	50#	-0.02
23 T	Vinyl Acetate	1.398	1.476	-5.6	52	-0.02
24 P	1,1-Dichloroethane	1.242	1.141	8.1	47#	-0.03
25 T	2-Butanone	0.460	0.502	-9.1	52	-0.02
26 T	2,2-Dichloropropane	0.858	0.696	18.9	40#	-0.02
27 T	cis-1,2-Dichloroethene	0.752	0.716	4.8	47#	-0.02
28 T	Bromochloromethane	0.447	0.412	7.8	51	-0.02
29 C	Chloroform	1.076	1.081	-0.5#	50	-0.02
30 T	Cyclohexane	1.003	0.887	11.6	48#	-0.03
31 T	1,1,1-Trichloroethane	0.777	0.768	1.2	49#	-0.02
32 S	1,2-Dichloroethane-d4	0.633	0.625	1.3	49#	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	50#	-0.01
34 S	Dibromofluoromethane	0.309	0.310	-0.3	48#	-0.01
35 T	1,1-Dichloropropene	0.390	0.395	-1.3	50#	-0.02
36 T	Ethyl Acetate	0.467	0.469	-0.4	49#	-0.01
37 T	Carbon Tetrachloride	0.318	0.326	-2.5	50#	-0.03
38 T	Methylcyclohexane	0.447	0.448	-0.2	50#	-0.02
39 TM	Benzene	1.405	1.414	-0.6	50#	-0.02
40 T	Methacrylonitrile	0.290	0.303	-4.5	53	-0.02
41 TM	1,2-Dichloroethane	0.357	0.372	-4.2	53	-0.02
42 T	Isopropyl Acetate	0.751	0.805	-7.2	52	-0.01
43 TM	Trichloroethene	0.270	0.283	-4.8	54	-0.02
44 C	1,2-Dichloropropane	0.332	0.348	-4.8#	53	-0.02
45 T	Dibromomethane	0.185	0.199	-7.6	55	-0.02
46 T	Bromodichloromethane	0.358	0.400	-11.7	54	-0.02
47 T	Methyl methacrylate	0.329	0.390	-18.5	56	-0.01
48 T	1,4-Dioxane	0.005	0.006	-20.0	58	-0.02

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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)
49 S	Toluene-d8	1.108	1.209	-9.1	52	-0.02
50 T	4-Methyl-2-Pentanone	0.392	0.504	-28.6#	61	-0.02
51 CM	Toluene	0.717	0.821	-14.5#	57	0.00
52 T	t-1,3-Dichloropropene	0.351	0.369	-5.1	50	-0.02
53 T	cis-1,3-Dichloropropene	0.421	0.457	-8.6	52	-0.01
54 T	1,1,2-Trichloroethane	0.262	0.321	-22.5	60	0.00
55 T	Ethyl methacrylate	0.433	0.521	-20.3	56	-0.01
56 T	1,3-Dichloropropane	0.446	0.515	-15.5	56	-0.02
57 T	2-Chloroethyl Vinyl ether	0.024	0.031	-29.2#	57	-0.02
58 T	2-Hexanone	0.264	0.342	-29.5#	59	-0.01
59 T	Dibromochloromethane	0.222	0.264	-18.9	57	-0.01
60 T	1,2-Dibromoethane	0.225	0.273	-21.3	60	-0.02
61 S	4-Bromofluorobenzene	0.315	0.344	-9.2	53	-0.01
62 I	Chlorobenzene-d5	1.000	1.000	0.0	56	-0.02
63 T	Tetrachloroethene	0.273	0.275	-0.7	58	-0.02
64 PM	Chlorobenzene	1.041	1.092	-4.9	60	-0.02
65 T	1,1,1,2-Tetrachloroethane	0.284	0.303	-6.7	57	-0.02
66 C	Ethyl Benzene	1.737	1.852	-6.6#	59	-0.02
67 T	m/p-Xylenes	0.694	0.730	-5.2	59	-0.02
68 T	o-Xylene	0.674	0.718	-6.5	59	-0.02
69 T	Styrene	1.126	1.224	-8.7	60	-0.02
70 P	Bromoform	0.161	0.188	-16.8	60	-0.02
71 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	59	-0.02
72 T	Isopropylbenzene	3.564	3.499	1.8	59	-0.01
73 T	N-amyl acetate	1.413	1.433	-1.4	59	-0.02
74 P	1,1,2,2-Tetrachloroethane	1.046	1.074	-2.7	61	-0.01
75 T	1,2,3-Trichloropropane	0.829	0.846	-2.1	62	-0.01
76 T	Bromobenzene	0.825	0.821	0.5	61	0.00
77 T	n-propylbenzene	4.252	4.206	1.1	59	-0.01
78 T	2-Chlorotoluene	2.412	2.267	6.0	57	-0.02
79 T	1,3,5-Trimethylbenzene	2.787	2.737	1.8	58	-0.02
80 T	trans-1,4-Dichloro-2-butene	0.285	0.257	9.8	49#	-0.02
81 T	4-Chlorotoluene	2.464	2.361	4.2	59	-0.02
82 T	tert-Butylbenzene	2.535	2.503	1.3	58	-0.01
83 T	1,2,4-Trimethylbenzene	2.759	2.849	-3.3	59	-0.02
84 T	sec-Butylbenzene	3.759	3.854	-2.5	60	-0.02
85 T	p-Isopropyltoluene	3.065	3.227	-5.3	60	-0.01
86 T	1,3-Dichlorobenzene	1.617	1.649	-2.0	60	-0.02
87 T	1,4-Dichlorobenzene	1.623	1.668	-2.8	62	-0.02
88 T	n-Butylbenzene	2.825	2.844	-0.7	57	-0.01
89 T	Hexachloroethane	0.440	0.434	1.4	56	-0.02
90 T	1,2-Dichlorobenzene	1.519	1.582	-4.1	63	-0.02
91 T	1,2-Dibromo-3-Chloropropane	0.139	0.146	-5.0	64	-0.01
92 T	1,2,4-Trichlorobenzene	0.908	0.962	-5.9	65	-0.02
93 T	Hexachlorobutadiene	0.295	0.289	2.0	63	-0.02
94 T	Naphthalene	2.783	3.003	-7.9	64	-0.02
95 T	1,2,3-Trichlorobenzene	0.862	0.939	-8.9	64	-0.02

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