

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR082525\
 Data File : VR026758.D
 Acq On : 25 Aug 2025 11:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 25 22:47:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R082025W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 21 08:59:04 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	62	0.01
2 T	Dichlorodifluoromethane	0.472	0.352	25.4#	46#	0.00
3 P	Chloromethane	0.056	0.042	25.0	49#	0.01
4 C	Vinyl Chloride	0.777	0.641	17.5#	55	0.00
5 T	Bromomethane	0.239	0.196	18.0	78	0.00
6 T	Chloroethane	0.444	0.426	4.1	71	0.02
7 T	Trichlorofluoromethane	1.507	1.408	6.6	65	0.01
8 T	Diethyl Ether	0.482	0.496	-2.9	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.602	0.550	8.6	56	0.02
10 T	Methyl Iodide	0.640	0.651	-1.7	61	0.02
11 T	Tert butyl alcohol	0.097	0.093	4.1	54	0.00
12 CM	1,1-Dichloroethene	0.654	0.590	9.8#	54	0.02
13 T	Acrolein	0.067	0.047	29.9#	51	0.02
14 T	Allyl chloride	1.204	1.199	0.4	59	0.02
15 T	Acrylonitrile	0.413	0.445	-7.7	65	0.02
16 T	Acetone	0.332	0.307	7.5	60	0.02
17 T	Carbon Disulfide	1.587	1.443	9.1	51	0.01
18 T	Methyl Acetate	0.968	1.049	-8.4	67	0.02
19 T	Methyl tert-butyl Ether	2.073	2.341	-12.9	66	0.02
20 T	Methylene Chloride	0.709	0.704	0.7	61	0.01
21 T	trans-1,2-Dichloroethene	0.683	0.688	-0.7	60	0.01
22 T	Diisopropyl ether	2.478	2.818	-13.7	69	0.00
23 T	Vinyl Acetate	1.643	1.591	3.2	71	0.02
24 P	1,1-Dichloroethane	1.219	1.244	-2.1	62	0.01
25 T	2-Butanone	0.516	0.551	-6.8	66	0.02
26 T	2,2-Dichloropropane	0.835	0.798	4.4	54	0.02
27 T	cis-1,2-Dichloroethene	0.773	0.835	-8.0	64	0.01
28 T	Bromochloromethane	0.361	0.362	-0.3	65	0.00
29 C	Chloroform	1.095	1.191	-8.8#	65	0.01
30 T	Cyclohexane	1.286	1.157	10.0	57	0.00
31 T	1,1,1-Trichloroethane	0.890	0.907	-1.9	58	0.02
32 S	1,2-Dichloroethane-d4	0.628	0.676	-7.6	66	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.01
34 S	Dibromofluoromethane	0.326	0.329	-0.9	65	0.02
35 T	1,1-Dichloropropene	0.508	0.483	4.9	58	0.02
36 T	Ethyl Acetate	0.650	0.666	-2.5	64	0.02
37 T	Carbon Tetrachloride	0.457	0.433	5.3	56	0.01
38 T	Methylcyclohexane	0.635	0.588	7.4	58	0.01
39 TM	Benzene	1.559	1.687	-8.2	70	0.01
40 T	Methacrylonitrile	0.339	0.362	-6.8	69	0.01
41 TM	1,2-Dichloroethane	0.432	0.457	-5.8	67	0.01
42 T	Isopropyl Acetate	0.921	1.035	-12.4	69	0.01
43 TM	Trichloroethene	0.340	0.327	3.8	62	0.02
44 C	1,2-Dichloropropane	0.373	0.392	-5.1#	67	0.01
45 T	Dibromomethane	0.237	0.258	-8.9	68	0.02
46 T	Bromodichloromethane	0.441	0.483	-9.5	68	0.00
47 T	Methyl methacrylate	0.450	0.507	-12.7	68	0.00
48 T	1,4-Dioxane	0.006	0.006	0.0	63	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 S	Toluene-d8	1.093	1.131	-3.5	68	0.00
50 T	4-Methyl-2-Pentanone	0.455	0.503	-10.5	82	0.01
51 CM	Toluene	0.890	0.941	-5.7#	67	0.01
52 T	t-1,3-Dichloropropene	0.418	0.485	-16.0	67	0.01
53 T	cis-1,3-Dichloropropene	0.507	0.571	-12.6	68	0.00
54 T	1,1,2-Trichloroethane	0.316	0.348	-10.1	71	0.00
55 T	Ethyl methacrylate	0.544	0.626	-15.1	69	0.01
56 T	1,3-Dichloropropane	0.533	0.596	-11.8	71	0.01
57 T	2-Chloroethyl Vinyl ether	0.029	0.034	-17.2	60	0.01
58 T	2-Hexanone	0.311	0.372	-19.6	77	0.00
59 T	Dibromochloromethane	0.297	0.343	-15.5	71	0.01
60 T	1,2-Dibromoethane	0.286	0.316	-10.5	69	0.01
61 S	4-Bromofluorobenzene	0.310	0.332	-7.1	66	0.01
62 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.01
63 T	Tetrachloroethene	0.351	0.319	9.1	63	0.01
64 PM	Chlorobenzene	1.113	1.153	-3.6	70	0.01
65 T	1,1,1,2-Tetrachloroethane	0.374	0.390	-4.3	67	0.01
66 C	Ethyl Benzene	1.860	2.004	-7.7#	75	0.00
67 T	m/p-Xylenes	0.778	0.831	-6.8	69	0.00
68 T	o-Xylene	0.789	0.812	-2.9	67	0.01
69 T	Styrene	1.161	1.299	-11.9	69	0.01
70 P	Bromoform	0.201	0.231	-14.9	69	0.01
71 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	0.01
72 T	Isopropylbenzene	5.427	5.600	-3.2	72	0.00
73 T	N-amyl acetate	1.959	2.378	-21.4	66	0.01
74 P	1,1,2,2-Tetrachloroethane	1.554	1.692	-8.9	69	0.00
75 T	1,2,3-Trichloropropane	1.233	1.314	-6.6	69	0.00
76 T	Bromobenzene	1.188	1.236	-4.0	67	0.01
77 T	n-propylbenzene	5.819	6.075	-4.4	73	0.01
78 T	2-Chlorotoluene	3.436	3.637	-5.8	67	0.01
79 T	1,3,5-Trimethylbenzene	4.053	4.277	-5.5	68	0.01
80 T	trans-1,4-Dichloro-2-butene	0.404	0.484	-19.8	66	0.01
81 T	4-Chlorotoluene	3.149	3.405	-8.1	66	0.00
82 T	tert-Butylbenzene	3.789	3.864	-2.0	67	0.00
83 T	1,2,4-Trimethylbenzene	3.696	4.033	-9.1	67	0.01
84 T	sec-Butylbenzene	4.874	5.006	-2.7	68	0.01
85 T	p-Isopropyltoluene	3.787	3.965	-4.7	65	0.00
86 T	1,3-Dichlorobenzene	1.764	1.799	-2.0	64	0.01
87 T	1,4-Dichlorobenzene	1.700	1.725	-1.5	65	0.01
88 T	n-Butylbenzene	2.706	2.683	0.8	63	0.00
89 T	Hexachloroethane	0.614	0.632	-2.9	62	0.00
90 T	1,2-Dichlorobenzene	1.482	1.489	-0.5	69	0.01
91 T	1,2-Dibromo-3-Chloropropane	0.154	0.157	-1.9	67	0.00
92 T	1,2,4-Trichlorobenzene	0.973	0.975	-0.2	67	0.01
93 T	Hexachlorobutadiene	0.321	0.306	4.7	66	0.01
94 T	Naphthalene	2.784	2.798	-0.5	63	0.01
95 T	1,2,3-Trichlorobenzene	0.945	0.960	-1.6	69	0.02

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