

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080625\
 Data File : VR026714.D
 Acq On : 6 Aug 2025 13:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 07 01:09:50 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	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	56	-0.02
2 T	Dichlorodifluoromethane	50.000	46.996	6.0	54	0.00
3 P	Chloromethane	50.000	45.562	8.9	54	-0.01
4 C	Vinyl Chloride	50.000	49.678	0.6#	60	-0.01
5 T	Bromomethane	50.000	54.555	-9.1	64	0.00
6 T	Chloroethane	50.000	51.421	-2.8	63	-0.01
7 T	Trichlorofluoromethane	50.000	58.836	-17.7	68	0.00
8 T	Diethyl Ether	50.000	44.628	10.7	51	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.702	10.6	51	-0.02
10 T	Methyl Iodide	50.000	44.558	10.9	49	-0.02
11 T	Tert butyl alcohol	250.000	194.716	22.1	43	-0.03
12 CM	1,1-Dichloroethene	50.000	43.597	12.8#	50	-0.02
13 T	Acrolein	250.000	219.807	12.1	49	-0.02
14 T	Allyl chloride	50.000	41.920	16.2	51	-0.02
15 T	Acrylonitrile	250.000	240.778	3.7	52	-0.02
16 T	Acetone	250.000	241.941	3.2	52	-0.02
17 T	Carbon Disulfide	50.000	38.262	23.5	43	-0.02
18 T	Methyl Acetate	50.000	51.790	-3.6	58	-0.02
19 T	Methyl tert-butyl Ether	50.000	43.672	12.7	49	-0.03
20 T	Methylene Chloride	50.000	43.321	13.4	51	-0.02
21 T	trans-1,2-Dichloroethene	50.000	43.134	13.7	50	-0.02
22 T	Diisopropyl ether	50.000	46.464	7.1	53	-0.02
23 T	Vinyl Acetate	250.000	245.559	1.8	55	-0.02
24 P	1,1-Dichloroethane	50.000	43.399	13.2	50	-0.02
25 T	2-Butanone	250.000	253.921	-1.6	55	-0.02
26 T	2,2-Dichloropropane	50.000	41.045	17.9	45	-0.02
27 T	cis-1,2-Dichloroethene	50.000	45.450	9.1	51	-0.03
28 T	Bromochloromethane	50.000	43.870	12.3	54	-0.02
29 C	Chloroform	50.000	48.559	2.9#	55	-0.03
30 T	Cyclohexane	50.000	42.184	15.6	52	-0.03
31 T	1,1,1-Trichloroethane	50.000	46.815	6.4	52	-0.02
32 S	1,2-Dichloroethane-d4	50.000	47.163	5.7	52	-0.02
33 I	1,4-Difluorobenzene	50.000	50.000	0.0	54	-0.02
34 S	Dibromofluoromethane	50.000	48.541	2.9	51	-0.02
35 T	1,1-Dichloropropene	50.000	48.840	2.3	52	-0.02
36 T	Ethyl Acetate	50.000	49.511	1.0	53	-0.02
37 T	Carbon Tetrachloride	50.000	49.253	1.5	52	-0.02
38 T	Methylcyclohexane	50.000	50.540	-1.1	54	-0.02
39 TM	Benzene	50.000	48.449	3.1	52	-0.02
40 T	Methacrylonitrile	50.000	53.776	-7.6	59	-0.02
41 TM	1,2-Dichloroethane	50.000	50.836	-1.7	56	-0.02
42 T	Isopropyl Acetate	50.000	49.310	1.4	52	-0.02
43 TM	Trichloroethene	50.000	51.270	-2.5	57	-0.02
44 C	1,2-Dichloropropane	50.000	49.580	0.8#	55	-0.02
45 T	Dibromomethane	50.000	51.653	-3.3	57	-0.02
46 T	Bromodichloromethane	50.000	54.640	-9.3	57	-0.02
47 T	Methyl methacrylate	50.000	53.676	-7.4	55	-0.02
48 T	1,4-Dioxane	1000.000	1086.860	-8.7	57	-0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 S	Toluene-d8	50.000	53.808	-7.6	56	-0.01
50 T	4-Methyl-2-Pentanone	250.000	294.257	-17.7	60	-0.01
51 CM	Toluene	50.000	54.653	-9.3#	59	-0.01
52 T	t-1,3-Dichloropropene	50.000	51.212	-2.4	53	-0.01
53 T	cis-1,3-Dichloropropene	50.000	52.527	-5.1	54	-0.02
54 T	1,1,2-Trichloroethane	50.000	56.353	-12.7	60	-0.01
55 T	Ethyl methacrylate	50.000	57.196	-14.4	58	-0.02
56 T	1,3-Dichloropropane	50.000	55.992	-12.0	59	-0.02
57 T	2-Chloroethyl Vinyl ether	250.000	283.737	-13.5	53	-0.01
58 T	2-Hexanone	250.000	300.183	-20.1	59	-0.01
59 T	Dibromochloromethane	50.000	57.803	-15.6	60	-0.01
60 T	1,2-Dibromoethane	50.000	56.749	-13.5	61	-0.02
61 S	4-Bromofluorobenzene	50.000	54.696	-9.4	58	-0.01
62 I	Chlorobenzene-d5	50.000	50.000	0.0	60	-0.02
63 T	Tetrachloroethene	50.000	50.578	-1.2	62	-0.02
64 PM	Chlorobenzene	50.000	50.179	-0.4	61	-0.02
65 T	1,1,1,2-Tetrachloroethane	50.000	51.939	-3.9	59	-0.01
66 C	Ethyl Benzene	50.000	50.852	-1.7#	60	-0.02
67 T	m/p-Xylenes	100.000	102.773	-2.8	61	-0.01
68 T	o-Xylene	50.000	51.848	-3.7	61	-0.02
69 T	Styrene	50.000	52.238	-4.5	61	-0.02
70 P	Bromoform	50.000	55.707	-11.4	61	-0.02
71 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	62	-0.02
72 T	Isopropylbenzene	50.000	48.008	4.0	60	-0.02
73 T	N-amyl acetate	50.000	49.654	0.7	60	-0.02
74 P	1,1,2,2-Tetrachloroethane	50.000	49.678	0.6	62	-0.01
75 T	1,2,3-Trichloropropane	50.000	50.418	-0.8	64	-0.01
76 T	Bromobenzene	50.000	48.617	2.8	62	-0.01
77 T	n-propylbenzene	50.000	50.246	-0.5	63	-0.02
78 T	2-Chlorotoluene	50.000	47.884	4.2	61	-0.02
79 T	1,3,5-Trimethylbenzene	50.000	49.141	1.7	61	-0.02
80 T	trans-1,4-Dichloro-2-butene	50.000	44.817	10.4	51	-0.02
81 T	4-Chlorotoluene	50.000	47.895	4.2	62	-0.02
82 T	tert-Butylbenzene	50.000	49.636	0.7	62	-0.02
83 T	1,2,4-Trimethylbenzene	50.000	50.817	-1.6	61	-0.02
84 T	sec-Butylbenzene	50.000	51.441	-2.9	63	-0.02
85 T	p-Isopropyltoluene	50.000	52.647	-5.3	63	-0.01
86 T	1,3-Dichlorobenzene	50.000	51.196	-2.4	63	-0.02
87 T	1,4-Dichlorobenzene	50.000	51.331	-2.7	65	-0.02
88 T	n-Butylbenzene	50.000	52.154	-4.3	63	-0.02
89 T	Hexachloroethane	50.000	48.246	3.5	58	-0.02
90 T	1,2-Dichlorobenzene	50.000	52.344	-4.7	67	-0.01
91 T	1,2-Dibromo-3-Chloropropane	50.000	51.244	-2.5	66	-0.02
92 T	1,2,4-Trichlorobenzene	50.000	55.125	-10.3	71	-0.02
93 T	Hexachlorobutadiene	50.000	54.196	-8.4	73	-0.02
94 T	Naphthalene	50.000	57.251	-14.5	71	-0.02
95 T	1,2,3-Trichlorobenzene	50.000	57.463	-14.9	71	-0.02

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