

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U071425\
 Data File : VU063509.D
 Acq On : 14 Jul 2025 16:06
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:38:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	65	0.00
2 T	Dichlorodifluoromethane	50.000	42.889	14.2	55	0.00
3 P	Chloromethane	50.000	41.950	16.1	62	0.00
4 C	Vinyl Chloride	50.000	46.960	6.1#	64	0.00
5 T	Bromomethane	50.000	54.418	-8.8	73	0.00
6 T	Chloroethane	50.000	46.749	6.5	68	0.00
7 T	Trichlorofluoromethane	50.000	52.061	-4.1	67	0.00
8 T	Diethyl Ether	50.000	52.861	-5.7	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.675	-1.3	64	0.00
10 T	Methyl Iodide	50.000	45.032	9.9	53	0.00
11 T	Tert butyl alcohol	250.000	310.255	-24.1#	83	0.00
12 CM	1,1-Dichloroethene	50.000	50.362	-0.7#	67	0.00
13 T	Acrolein	250.000	244.120	2.4	70	0.00
14 T	Allyl chloride	50.000	50.622	-1.2	69	0.00
15 T	Acrylonitrile	250.000	297.545	-19.0	74	0.00
16 T	Acetone	250.000	249.282	0.3	71	0.00
17 T	Carbon Disulfide	50.000	38.072	23.9#	62	0.00
18 T	Methyl Acetate	50.000	64.446	-28.9#	72	0.00
19 T	Methyl tert-butyl Ether	50.000	55.341	-10.7	68	0.00
20 T	Methylene Chloride	50.000	40.971	18.1	64	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.861	2.3	70	0.00
22 T	Diisopropyl ether	50.000	52.551	-5.1	67	0.00
23 T	Vinyl Acetate	250.000	273.356	-9.3	69	0.00
24 P	1,1-Dichloroethane	50.000	53.595	-7.2	68	0.00
25 T	2-Butanone	250.000	291.190	-16.5	70	0.00
26 T	2,2-Dichloropropane	50.000	50.761	-1.5	65	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.925	-5.8	70	0.00
28 T	Bromochloromethane	50.000	55.014	-10.0	71	0.00
29 T	Tetrahydrofuran	250.000	292.514	-17.0	72	0.00
30 C	Chloroform	50.000	54.574	-9.1#	70	0.00
31 T	Cyclohexane	50.000	46.100	7.8	61	0.00
32 T	1,1,1-Trichloroethane	50.000	54.331	-8.7	69	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.345	-8.7	69	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	65	0.00
35 S	Dibromofluoromethane	50.000	53.226	-6.5	70	0.00
36 T	1,1-Dichloropropene	50.000	49.926	0.1	70	0.00
37 T	Ethyl Acetate	50.000	48.772	2.5	69	0.00
38 T	Carbon Tetrachloride	50.000	49.330	1.3	66	0.00
39 T	Methylcyclohexane	50.000	43.503	13.0	58	0.00
40 TM	Benzene	50.000	51.907	-3.8	66	0.00
41 T	Methacrylonitrile	50.000	58.278	-16.6	70	0.00
42 TM	1,2-Dichloroethane	50.000	56.167	-12.3	71	0.00
43 T	Isopropyl Acetate	50.000	56.423	-12.8	69	0.00
44 TM	Trichloroethene	50.000	49.958	0.1	68	0.00
45 C	1,2-Dichloropropane	50.000	53.247	-6.5#	67	0.00
46 T	Dibromomethane	50.000	55.896	-11.8	71	0.00
47 T	Bromodichloromethane	50.000	52.368	-4.7	67	0.00
48 T	Methyl methacrylate	50.000	55.218	-10.4	65	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	966.891	3.3	63	0.00
50 S	Toluene-d8	50.000	48.751	2.5	64	0.00
51 T	4-Methyl-2-Pentanone	250.000	286.027	-14.4	66	0.00
52 CM	Toluene	50.000	51.273	-2.5#	69	0.00
53 T	t-1,3-Dichloropropene	50.000	52.025	-4.0	63	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.374	-8.7	66	0.00
55 T	1,1,2-Trichloroethane	50.000	55.485	-11.0	72	0.00
56 T	Ethyl methacrylate	50.000	51.422	-2.8	63	0.00
57 T	1,3-Dichloropropane	50.000	54.099	-8.2	69	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	432.430	-73.0#	110	0.00
59 T	2-Hexanone	250.000	278.000	-11.2	62	0.00
60 T	Dibromochloromethane	50.000	53.919	-7.8	67	0.00
61 T	1,2-Dibromoethane	50.000	54.867	-9.7	71	0.00
62 S	4-Bromofluorobenzene	50.000	53.093	-6.2	71	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64 T	Tetrachloroethene	50.000	44.545	10.9	62	0.00
65 PM	Chlorobenzene	50.000	51.526	-3.1	69	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.176	-4.4	65	0.00
67 C	Ethyl Benzene	50.000	49.941	0.1#	67	0.00
68 T	m/p-Xylenes	100.000	99.616	0.4	67	0.00
69 T	o-Xylene	50.000	49.694	0.6	67	0.00
70 T	Styrene	50.000	52.500	-5.0	67	0.00
71 P	Bromoform	50.000	48.734	2.5	61	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	71	0.00
73 T	Isopropylbenzene	50.000	49.291	1.4	68	0.00
74 T	N-amyl acetate	50.000	51.444	-2.9	57	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.898	-3.8	71	0.00
76 T	1,2,3-Trichloropropane	50.000	49.138	1.7	69	0.00
77 T	Bromobenzene	50.000	48.677	2.6	68	0.00
78 T	n-propylbenzene	50.000	48.842	2.3	67	0.00
79 T	2-Chlorotoluene	50.000	49.351	1.3	67	0.00
80 T	1,3,5-Trimethylbenzene	50.000	48.179	3.6	67	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.577	18.8	59	0.00
82 T	4-Chlorotoluene	50.000	49.446	1.1	68	0.00
83 T	tert-Butylbenzene	50.000	49.865	0.3	67	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.715	2.6	66	0.00
85 T	sec-Butylbenzene	50.000	48.461	3.1	66	0.00
86 T	p-Isopropyltoluene	50.000	48.972	2.1	66	0.00
87 T	1,3-Dichlorobenzene	50.000	48.925	2.2	69	0.00
88 T	1,4-Dichlorobenzene	50.000	49.613	0.8	71	0.00
89 T	n-Butylbenzene	50.000	48.148	3.7	64	0.00
90 T	Hexachloroethane	50.000	46.538	6.9	64	0.00
91 T	1,2-Dichlorobenzene	50.000	50.320	-0.6	68	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.878	-9.8	70	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.553	2.9	63	0.00
94 T	Hexachlorobutadiene	50.000	45.415	9.2	60	0.00
95 T	Naphthalene	50.000	49.247	1.5	61	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.278	3.4	62	0.00

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