

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063707.D
 Acq On : 11 Nov 2025 15:46
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 12 02:12:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:41:19 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	43.900	12.2	85	0.00
3 P	Chloromethane	50.000	48.526	2.9	86	0.00
4 C	Vinyl Chloride	50.000	45.340	9.3#	87	0.00
5 T	Bromomethane	50.000	54.768	-9.5	95	0.00
6 T	Chloroethane	50.000	47.144	5.7	91	0.00
7 T	Trichlorofluoromethane	50.000	47.111	5.8	89	0.00
8 T	Diethyl Ether	50.000	49.726	0.5	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.141	3.7	88	0.00
10 T	Methyl Iodide	50.000	49.861	0.3	86	0.00
11 T	Tert butyl alcohol	250.000	242.055	3.2	94	0.00
12 CM	1,1-Dichloroethene	50.000	46.535	6.9#	89	0.00
13 T	Acrolein	250.000	245.562	1.8	82	0.00
14 T	Allyl chloride	50.000	48.146	3.7	89	0.00
15 T	Acrylonitrile	250.000	267.651	-7.1	93	0.00
16 T	Acetone	250.000	251.441	-0.6	88	0.00
17 T	Carbon Disulfide	50.000	44.991	10.0	82	0.00
18 T	Methyl Acetate	50.000	51.824	-3.6	91	0.00
19 T	Methyl tert-butyl Ether	50.000	52.819	-5.6	95	0.00
20 T	Methylene Chloride	50.000	54.049	-8.1	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.485	7.0	88	0.00
22 T	Diisopropyl ether	50.000	50.445	-0.9	93	0.00
23 T	Vinyl Acetate	250.000	248.677	0.5	90	0.00
24 P	1,1-Dichloroethane	50.000	49.592	0.8	91	0.00
25 T	2-Butanone	250.000	247.781	0.9	89	0.00
26 T	2,2-Dichloropropane	50.000	46.561	6.9	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.438	1.1	91	0.00
28 T	Bromochloromethane	50.000	58.022	-16.0	94	0.00
29 T	Tetrahydrofuran	250.000	252.689	-1.1	90	0.00
30 C	Chloroform	50.000	51.902	-3.8#	95	0.00
31 T	Cyclohexane	50.000	48.687	2.6	87	0.00
32 T	1,1,1-Trichloroethane	50.000	49.256	1.5	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.887	0.2	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	51.040	-2.1	93	0.00
36 T	1,1-Dichloropropene	50.000	45.879	8.2	87	0.00
37 T	Ethyl Acetate	50.000	49.945	0.1	95	0.00
38 T	Carbon Tetrachloride	50.000	44.896	10.2	84	0.00
39 T	Methylcyclohexane	50.000	47.093	5.8	89	0.00
40 TM	Benzene	50.000	48.769	2.5	91	0.00
41 T	Methacrylonitrile	50.000	51.358	-2.7	91	0.00
42 TM	1,2-Dichloroethane	50.000	52.011	-4.0	95	0.00
43 T	Isopropyl Acetate	50.000	51.288	-2.6	92	0.00
44 TM	Trichloroethene	50.000	46.382	7.2	89	0.00
45 C	1,2-Dichloropropane	50.000	50.378	-0.8#	91	0.00
46 T	Dibromomethane	50.000	51.071	-2.1	92	0.00
47 T	Bromodichloromethane	50.000	51.401	-2.8	94	0.00
48 T	Methyl methacrylate	50.000	51.630	-3.3	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	974.378	2.6	91	0.00
50 S	Toluene-d8	50.000	47.348	5.3	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	256.948	-2.8	92	0.00
52 CM	Toluene	50.000	49.488	1.0#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	47.176	5.6	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.908	2.2	88	0.00
55 T	1,1,2-Trichloroethane	50.000	52.038	-4.1	95	0.00
56 T	Ethyl methacrylate	50.000	54.228	-8.5	96	0.00
57 T	1,3-Dichloropropane	50.000	51.647	-3.3	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	231.448	7.4	97	0.00
59 T	2-Hexanone	250.000	253.904	-1.6	90	0.00
60 T	Dibromochloromethane	50.000	50.457	-0.9	91	0.00
61 T	1,2-Dibromoethane	50.000	51.551	-3.1	92	0.00
62 S	4-Bromofluorobenzene	50.000	50.037	-0.1	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64 T	Tetrachloroethene	50.000	48.627	2.7	89	0.00
65 PM	Chlorobenzene	50.000	48.402	3.2	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.821	2.4	89	0.00
67 C	Ethyl Benzene	50.000	48.667	2.7#	90	0.00
68 T	m/p-Xylenes	100.000	99.390	0.6	90	0.00
69 T	o-Xylene	50.000	49.404	1.2	91	0.00
70 T	Styrene	50.000	51.599	-3.2	91	0.00
71 P	Bromoform	50.000	50.401	-0.8	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	45.555	8.9	91	0.00
74 T	N-ethyl acetate	50.000	44.840	10.3	85	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.500	7.0	94	0.00
76 T	1,2,3-Trichloropropane	50.000	44.829	10.3	90	0.00
77 T	Bromobenzene	50.000	45.303	9.4	92	0.00
78 T	n-propylbenzene	50.000	45.516	9.0	89	0.00
79 T	2-Chlorotoluene	50.000	44.745	10.5	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.194	7.6	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.411	11.2	83	0.00
82 T	4-Chlorotoluene	50.000	45.095	9.8	91	0.00
83 T	tert-Butylbenzene	50.000	45.461	9.1	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.843	8.3	89	0.00
85 T	sec-Butylbenzene	50.000	45.477	9.0	89	0.00
86 T	p-Isopropyltoluene	50.000	45.924	8.2	87	0.00
87 T	1,3-Dichlorobenzene	50.000	46.780	6.4	91	0.00
88 T	1,4-Dichlorobenzene	50.000	44.670	10.7	91	0.00
89 T	n-Butylbenzene	50.000	43.176	13.6	85	0.00
90 T	Hexachloroethane	50.000	42.926	14.1	84	0.00
91 T	1,2-Dichlorobenzene	50.000	46.673	6.7	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.464	7.1	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.221	11.6	86	0.00
94 T	Hexachlorobutadiene	50.000	45.130	9.7	89	0.00
95 T	Naphthalene	50.000	44.595	10.8	78	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	45.203	9.6	85	0.00

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