

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088220.D
 Acq On : 06 Nov 2025 20:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 07 02:27:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	44.608	10.8	101	0.00
3 P	Chloromethane	50.000	46.259	7.5	109	0.00
4 C	Vinyl Chloride	50.000	45.714	8.6#	105	0.00
5 T	Bromomethane	50.000	43.545	12.9	102	0.00
6 T	Chloroethane	50.000	42.360	15.3	98	0.00
7 T	Trichlorofluoromethane	50.000	43.398	13.2	96	0.00
8 T	Diethyl Ether	50.000	49.588	0.8	122	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.303	13.4	100	0.00
10 T	Methyl Iodide	50.000	53.353	-6.7	117	0.00
11 T	Tert butyl alcohol	250.000	261.180	-4.5	124	0.00
12 CM	1,1-Dichloroethene	50.000	42.197	15.6#	106	0.00
13 T	Acrolein	250.000	173.849	30.5#	87	0.00
14 T	Allyl chloride	50.000	47.932	4.1	120	0.00
15 T	Acrylonitrile	250.000	266.830	-6.7	123	0.00
16 T	Acetone	250.000	236.375	5.5	118	0.00
17 T	Carbon Disulfide	50.000	42.595	14.8	101	0.00
18 T	Methyl Acetate	50.000	56.000	-12.0	133	0.00
19 T	Methyl tert-butyl Ether	50.000	53.536	-7.1	127	0.00
20 T	Methylene Chloride	50.000	47.803	4.4	119	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.785	8.4	108	0.00
22 T	Diisopropyl ether	50.000	53.614	-7.2	121	0.00
23 T	Vinyl Acetate	250.000	270.115	-8.0	120	0.00
24 P	1,1-Dichloroethane	50.000	51.674	-3.3	119	0.01
25 T	2-Butanone	250.000	265.986	-6.4	121	0.00
26 T	2,2-Dichloropropane	50.000	45.103	9.8	105	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.405	-0.8	118	0.00
28 T	Bromochloromethane	50.000	58.154	-16.3	110	0.00
29 T	Tetrahydrofuran	250.000	266.482	-6.6	123	0.00
30 C	Chloroform	50.000	51.912	-3.8#	118	0.00
31 T	Cyclohexane	50.000	42.947	14.1	99	0.00
32 T	1,1,1-Trichloroethane	50.000	48.684	2.6	112	0.00
33 S	1,2-Dichloroethane-d4	50.000	61.861	-23.7	123	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35 S	Dibromofluoromethane	50.000	54.173	-8.3	113	0.00
36 T	1,1-Dichloropropene	50.000	46.456	7.1	110	0.00
37 T	Ethyl Acetate	50.000	48.776	2.4	123	0.00
38 T	Carbon Tetrachloride	50.000	46.919	6.2	111	0.00
39 T	Methylcyclohexane	50.000	36.966	26.1#	87	0.00
40 TM	Benzene	50.000	47.454	5.1	114	0.00
41 T	Methacrylonitrile	50.000	49.195	1.6	118	0.00
42 TM	1,2-Dichloroethane	50.000	52.894	-5.8	126	0.00
43 T	Isopropyl Acetate	50.000	52.769	-5.5	123	0.00
44 TM	Trichloroethene	50.000	45.987	8.0	110	0.00
45 C	1,2-Dichloropropane	50.000	48.889	2.2#	117	0.00
46 T	Dibromomethane	50.000	49.596	0.8	119	0.00
47 T	Bromodichloromethane	50.000	51.627	-3.3	124	0.00
48 T	Methyl methacrylate	50.000	54.896	-9.8	129	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)

49 T	1,4-Dioxane	1000.000	1003.176	-0.3	124	0.00
50 S	Toluene-d8	50.000	52.080	-4.2	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	272.088	-8.8	126	0.00
52 CM	Toluene	50.000	47.095	5.8#	112	0.00
53 T	t-1,3-Dichloropropene	50.000	51.572	-3.1	120	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.171	-0.3	119	0.00
55 T	1,1,2-Trichloroethane	50.000	49.488	1.0	120	0.00
56 T	Ethyl methacrylate	50.000	54.600	-9.2	124	0.00
57 T	1,3-Dichloropropane	50.000	51.053	-2.1	121	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	298.586	-19.4	137	0.00
59 T	2-Hexanone	250.000	281.540	-12.6	126	0.00
60 T	Dibromochloromethane	50.000	50.617	-1.2	120	0.00
61 T	1,2-Dibromoethane	50.000	50.349	-0.7	122	0.00
62 S	4-Bromofluorobenzene	50.000	60.106	-20.2	122	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	42.684	14.6	109	0.00
65 PM	Chlorobenzene	50.000	46.074	7.9	111	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.524	5.0	114	0.00
67 C	Ethyl Benzene	50.000	46.020	8.0#	111	0.00
68 T	m/p-Xylenes	100.000	92.247	7.8	109	0.00
69 T	o-Xylene	50.000	47.157	5.7	111	0.00
70 T	Styrene	50.000	50.363	-0.7	115	0.00
71 P	Bromoform	50.000	50.953	-1.9	122	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	42.233	15.5	106	0.00
74 T	N-ethyl acetate	50.000	50.029	-0.1	123	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.653	6.7	121	0.00
76 T	1,2,3-Trichloropropane	50.000	46.526	6.9	118	0.00
77 T	Bromobenzene	50.000	46.560	6.9	117	0.00
78 T	n-propylbenzene	50.000	41.854	16.3	104	0.00
79 T	2-Chlorotoluene	50.000	46.196	7.6	114	0.00
80 T	1,3,5-Trimethylbenzene	50.000	42.245	15.5	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.157	7.7	124	0.00
82 T	4-Chlorotoluene	50.000	44.263	11.5	114	0.00
83 T	tert-Butylbenzene	50.000	39.631	20.7	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	43.802	12.4	108	0.00
85 T	sec-Butylbenzene	50.000	36.957	26.1#	92	0.00
86 T	p-Isopropyltoluene	50.000	39.149	21.7	95	0.00
87 T	1,3-Dichlorobenzene	50.000	43.610	12.8	109	0.00
88 T	1,4-Dichlorobenzene	50.000	41.923	16.2	111	0.00
89 T	n-Butylbenzene	50.000	36.600	26.8#	90	0.00
90 T	Hexachloroethane	50.000	36.546	26.9#	92	0.00
91 T	1,2-Dichlorobenzene	50.000	44.093	11.8	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.246	5.5	128	0.00
93 T	1,2,4-Trichlorobenzene	50.000	36.773	26.5#	94	0.00
94 T	Hexachlorobutadiene	50.000	31.024	38.0#	79	0.00
95 T	Naphthalene	50.000	41.178	17.6	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	35.546	28.9#	93	0.00

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