

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088394.D
 Acq On : 01 Dec 2025 19:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 02 00:19:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	53.731	-7.5	104	0.00
3 P	Chloromethane	50.000	51.673	-3.3	99	0.00
4 C	Vinyl Chloride	50.000	53.092	-6.2#	103	0.00
5 T	Bromomethane	50.000	48.771	2.5	93	0.00
6 T	Chloroethane	50.000	54.756	-9.5	105	0.00
7 T	Trichlorofluoromethane	50.000	53.896	-7.8	109	0.00
8 T	Diethyl Ether	50.000	54.348	-8.7	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.727	-7.5	112	0.00
10 T	Methyl Iodide	50.000	49.982	0.0	88	0.00
11 T	Tert butyl alcohol	250.000	272.015	-8.8	97	0.01
12 CM	1,1-Dichloroethene	50.000	52.765	-5.5#	108	0.00
13 T	Acrolein	250.000	314.249	-25.7#	115	0.00
14 T	Allyl chloride	50.000	54.606	-9.2	103	0.00
15 T	Acrylonitrile	250.000	285.387	-14.2	102	0.00
16 T	Acetone	250.000	375.026	-50.0#	146	0.00
17 T	Carbon Disulfide	50.000	54.115	-8.2	104	0.00
18 T	Methyl Acetate	50.000	63.834	-27.7#	118	0.00
19 T	Methyl tert-butyl Ether	50.000	57.681	-15.4	101	0.00
20 T	Methylene Chloride	50.000	54.906	-9.8	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.223	-10.4	104	0.00
22 T	Diisopropyl ether	50.000	56.899	-13.8	102	0.00
23 T	Vinyl Acetate	250.000	290.285	-16.1	101	0.00
24 P	1,1-Dichloroethane	50.000	56.676	-13.4	104	0.00
25 T	2-Butanone	250.000	330.075	-32.0#	116	0.00
26 T	2,2-Dichloropropane	50.000	52.327	-4.7	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	56.801	-13.6	103	0.00
28 T	Bromochloromethane	50.000	50.686	-1.4	90	0.00
29 T	Tetrahydrofuran	250.000	296.291	-18.5	104	0.00
30 C	Chloroform	50.000	56.807	-13.6#	105	0.00
31 T	Cyclohexane	50.000	52.322	-4.6	109	0.00
32 T	1,1,1-Trichloroethane	50.000	55.251	-10.5	108	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.406	-2.8	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	50.824	-1.6	94	0.00
36 T	1,1-Dichloropropene	50.000	52.049	-4.1	106	0.00
37 T	Ethyl Acetate	50.000	54.923	-9.8	101	0.00
38 T	Carbon Tetrachloride	50.000	54.622	-9.2	109	0.00
39 T	Methylcyclohexane	50.000	51.904	-3.8	106	0.00
40 TM	Benzene	50.000	54.086	-8.2	102	0.00
41 T	Methacrylonitrile	50.000	55.964	-11.9	102	0.00
42 TM	1,2-Dichloroethane	50.000	55.696	-11.4	102	0.00
43 T	Isopropyl Acetate	50.000	55.159	-10.3	100	0.00
44 TM	Trichloroethene	50.000	50.916	-1.8	99	0.00
45 C	1,2-Dichloropropane	50.000	55.434	-10.9#	103	0.00
46 T	Dibromomethane	50.000	55.881	-11.8	103	0.00
47 T	Bromodichloromethane	50.000	55.893	-11.8	104	0.00
48 T	Methyl methacrylate	50.000	57.148	-14.3	102	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

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

49 T	1,4-Dioxane	1000.000	1124.656	-12.5	99	0.00
50 S	Toluene-d8	50.000	49.746	0.5	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	293.831	-17.5	104	0.00
52 CM	Toluene	50.000	55.666	-11.3#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	55.072	-10.1	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.906	-9.8	98	0.00
55 T	1,1,2-Trichloroethane	50.000	54.706	-9.4	102	0.00
56 T	Ethyl methacrylate	50.000	59.708	-19.4	101	0.00
57 T	1,3-Dichloropropane	50.000	54.898	-9.8	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	294.909	-18.0	97	0.00
59 T	2-Hexanone	250.000	315.614	-26.2#	108	0.00
60 T	Dibromochloromethane	50.000	55.592	-11.2	102	0.00
61 T	1,2-Dibromoethane	50.000	54.980	-10.0	99	0.00
62 S	4-Bromofluorobenzene	50.000	51.789	-3.6	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	47.082	5.8	95	0.00
65 PM	Chlorobenzene	50.000	52.998	-6.0	103	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.444	-8.9	103	0.00
67 C	Ethyl Benzene	50.000	54.260	-8.5#	105	0.00
68 T	m/p-Xylenes	100.000	108.634	-8.6	103	0.00
69 T	o-Xylene	50.000	54.953	-9.9	105	0.00
70 T	Styrene	50.000	56.339	-12.7	102	0.00
71 P	Bromoform	50.000	55.719	-11.4	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	53.343	-6.7	105	0.00
74 T	N-amyl acetate	50.000	48.943	2.1	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.487	-3.0	106	0.00
76 T	1,2,3-Trichloropropane	50.000	52.510	-5.0	99	0.00
77 T	Bromobenzene	50.000	53.415	-6.8	102	0.00
78 T	n-propylbenzene	50.000	53.591	-7.2	106	0.00
79 T	2-Chlorotoluene	50.000	52.291	-4.6	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.380	-6.8	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.505	-1.0	94	0.00
82 T	4-Chlorotoluene	50.000	54.291	-8.6	101	0.00
83 T	tert-Butylbenzene	50.000	53.028	-6.1	107	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.209	-10.4	105	0.00
85 T	sec-Butylbenzene	50.000	53.133	-6.3	107	0.00
86 T	p-Isopropyltoluene	50.000	53.654	-7.3	105	0.00
87 T	1,3-Dichlorobenzene	50.000	52.686	-5.4	105	0.00
88 T	1,4-Dichlorobenzene	50.000	50.304	-0.6	100	0.00
89 T	n-Butylbenzene	50.000	51.753	-3.5	104	0.00
90 T	Hexachloroethane	50.000	53.572	-7.1	109	0.00
91 T	1,2-Dichlorobenzene	50.000	53.427	-6.9	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.351	-4.7	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.246	-0.5	101	0.00
94 T	Hexachlorobutadiene	50.000	48.160	3.7	104	0.00
95 T	Naphthalene	50.000	52.496	-5.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.884	-1.8	101	0.00

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