

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088145.D
 Acq On : 28 Oct 2025 17:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 29 02:29:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 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	101	0.00
2 T	Dichlorodifluoromethane	50.000	48.584	2.8	121	0.00
3 P	Chloromethane	50.000	42.712	14.6	110	0.00
4 C	Vinyl Chloride	50.000	47.217	5.6#	119	0.00
5 T	Bromomethane	50.000	40.710	18.6	104	0.00
6 T	Chloroethane	50.000	42.159	15.7	108	0.00
7 T	Trichlorofluoromethane	50.000	45.390	9.2	111	0.00
8 T	Diethyl Ether	50.000	45.391	9.2	123	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.226	3.5	122	0.00
10 T	Methyl Iodide	50.000	40.245	19.5	102	0.00
11 T	Tert butyl alcohol	250.000	231.184	7.5	120	0.00
12 CM	1,1-Dichloroethene	50.000	43.765	12.5#	120	0.00
13 T	Acrolein	250.000	326.742	-30.7#	179	0.00
14 T	Allyl chloride	50.000	46.874	6.3	128	0.00
15 T	Acrylonitrile	250.000	242.575	3.0	123	0.00
16 T	Acetone	250.000	218.533	12.6	120	0.00
17 T	Carbon Disulfide	50.000	43.566	12.9	113	0.00
18 T	Methyl Acetate	50.000	50.470	-0.9	132	0.00
19 T	Methyl tert-butyl Ether	50.000	48.593	2.8	127	0.00
20 T	Methylene Chloride	50.000	48.827	2.3	123	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.297	9.4	118	0.00
22 T	Diisopropyl ether	50.000	49.499	1.0	123	0.00
23 T	Vinyl Acetate	250.000	253.158	-1.3	123	0.00
24 P	1,1-Dichloroethane	50.000	48.996	2.0	124	0.00
25 T	2-Butanone	250.000	243.184	2.7	121	0.00
26 T	2,2-Dichloropropane	50.000	46.496	7.0	119	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.166	5.7	121	0.00
28 T	Bromochloromethane	50.000	45.178	9.6	94	0.00
29 T	Tetrahydrofuran	250.000	239.319	4.3	122	0.00
30 C	Chloroform	50.000	48.875	2.3#	122	0.00
31 T	Cyclohexane	50.000	47.043	5.9	119	0.00
32 T	1,1,1-Trichloroethane	50.000	48.892	2.2	124	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.731	0.5	109	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	48.322	3.4	102	0.00
36 T	1,1-Dichloropropene	50.000	51.592	-3.2	124	0.00
37 T	Ethyl Acetate	50.000	49.579	0.8	127	0.00
38 T	Carbon Tetrachloride	50.000	50.920	-1.8	123	0.00
39 T	Methylcyclohexane	50.000	49.337	1.3	118	0.00
40 TM	Benzene	50.000	48.599	2.8	118	0.00
41 T	Methacrylonitrile	50.000	49.833	0.3	122	0.00
42 TM	1,2-Dichloroethane	50.000	53.400	-6.8	129	0.00
43 T	Isopropyl Acetate	50.000	51.258	-2.5	122	0.00
44 TM	Trichloroethene	50.000	48.160	3.7	117	0.00
45 C	1,2-Dichloropropane	50.000	50.370	-0.7#	123	0.00
46 T	Dibromomethane	50.000	50.259	-0.5	123	0.00
47 T	Bromodichloromethane	50.000	50.754	-1.5	123	0.00
48 T	Methyl methacrylate	50.000	52.961	-5.9	127	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	958.809	4.1	121	0.00
50 S	Toluene-d8	50.000	46.821	6.4	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	263.583	-5.4	124	0.00
52 CM	Toluene	50.000	49.284	1.4#	119	0.00
53 T	t-1,3-Dichloropropene	50.000	50.944	-1.9	121	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.139	-2.3	123	0.00
55 T	1,1,2-Trichloroethane	50.000	48.569	2.9	120	0.00
56 T	Ethyl methacrylate	50.000	53.650	-7.3	124	0.00
57 T	1,3-Dichloropropane	50.000	50.163	-0.3	121	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	287.581	-15.0	134	0.00
59 T	2-Hexanone	250.000	269.974	-8.0	123	0.00
60 T	Dibromochloromethane	50.000	48.782	2.4	117	0.00
61 T	1,2-Dibromoethane	50.000	49.413	1.2	122	0.00
62 S	4-Bromofluorobenzene	50.000	49.475	1.0	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	48.305	3.4	119	0.00
65 PM	Chlorobenzene	50.000	48.921	2.2	114	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.502	-1.0	117	0.00
67 C	Ethyl Benzene	50.000	51.283	-2.6#	120	0.00
68 T	m/p-Xylenes	100.000	102.506	-2.5	117	0.00
69 T	o-Xylene	50.000	51.025	-2.0	116	0.00
70 T	Styrene	50.000	53.462	-6.9	118	0.00
71 P	Bromoform	50.000	51.261	-2.5	118	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	49.480	1.0	118	0.00
74 T	N-amyl acetate	50.000	42.157	15.7	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.523	3.0	119	0.00
76 T	1,2,3-Trichloropropane	50.000	48.703	2.6	117	0.00
77 T	Bromobenzene	50.000	50.219	-0.4	119	0.00
78 T	n-propylbenzene	50.000	50.541	-1.1	119	0.00
79 T	2-Chlorotoluene	50.000	52.081	-4.2	122	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.265	-2.5	120	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.996	10.0	114	0.00
82 T	4-Chlorotoluene	50.000	49.643	0.7	120	0.00
83 T	tert-Butylbenzene	50.000	49.760	0.5	118	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.453	-2.9	119	0.00
85 T	sec-Butylbenzene	50.000	49.736	0.5	117	0.00
86 T	p-Isopropyltoluene	50.000	51.174	-2.3	118	0.00
87 T	1,3-Dichlorobenzene	50.000	49.237	1.5	116	0.00
88 T	1,4-Dichlorobenzene	50.000	46.734	6.5	117	0.00
89 T	n-Butylbenzene	50.000	50.208	-0.4	116	0.00
90 T	Hexachloroethane	50.000	47.695	4.6	114	0.00
91 T	1,2-Dichlorobenzene	50.000	48.274	3.5	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.909	0.2	128	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.809	4.4	116	0.00
94 T	Hexachlorobutadiene	50.000	50.570	-1.1	122	0.00
95 T	Naphthalene	50.000	48.671	2.7	116	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.270	3.5	119	0.00

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