

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088085.D
 Acq On : 23 Oct 2025 14:54
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102325

Quant Time: Oct 24 03:19:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 03:16:47 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	98	0.00
2 T	Dichlorodifluoromethane	50.000	48.872	2.3	118	0.00
3 P	Chloromethane	50.000	50.058	-0.1	125	0.00
4 C	Vinyl Chloride	50.000	49.688	0.6#	121	0.00
5 T	Bromomethane	50.000	51.903	-3.8	128	0.00
6 T	Chloroethane	50.000	50.817	-1.6	125	0.00
7 T	Trichlorofluoromethane	50.000	51.420	-2.8	121	0.00
8 T	Diethyl Ether	50.000	53.668	-7.3	140	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.641	-9.3	133	0.00
10 T	Methyl Iodide	50.000	48.914	2.2	123	0.00
11 T	Tert butyl alcohol	250.000	227.357	9.1	114	0.00
12 CM	1,1-Dichloroethene	50.000	51.748	-3.5#	137	0.00
13 T	Acrolein	250.000	285.010	-14.0	150	0.00
14 T	Allyl chloride	50.000	46.622	6.8	123	0.00
15 T	Acrylonitrile	250.000	243.784	2.5	119	0.00
16 T	Acetone	250.000	247.368	1.1	131	0.00
17 T	Carbon Disulfide	50.000	47.390	5.2	119	0.00
18 T	Methyl Acetate	50.000	47.467	5.1	120	0.00
19 T	Methyl tert-butyl Ether	50.000	49.555	0.9	125	0.00
20 T	Methylene Chloride	50.000	50.891	-1.8	124	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.883	4.2	120	0.00
22 T	Diisopropyl ether	50.000	51.691	-3.4	124	0.00
23 T	Vinyl Acetate	250.000	261.399	-4.6	123	0.00
24 P	1,1-Dichloroethane	50.000	49.935	0.1	122	0.00
25 T	2-Butanone	250.000	246.326	1.5	118	0.00
26 T	2,2-Dichloropropane	50.000	50.040	-0.1	124	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.410	1.2	122	0.00
28 T	Bromochloromethane	50.000	50.544	-1.1	102	0.00
29 T	Tetrahydrofuran	250.000	245.497	1.8	121	0.00
30 C	Chloroform	50.000	50.104	-0.2#	120	0.00
31 T	Cyclohexane	50.000	49.485	1.0	121	0.00
32 T	1,1,1-Trichloroethane	50.000	49.791	0.4	122	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.699	6.6	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	45.865	8.3	98	0.00
36 T	1,1-Dichloropropene	50.000	49.383	1.2	120	0.00
37 T	Ethyl Acetate	50.000	46.186	7.6	119	0.00
38 T	Carbon Tetrachloride	50.000	50.287	-0.6	122	0.00
39 T	Methylcyclohexane	50.000	49.916	0.2	120	0.00
40 TM	Benzene	50.000	49.611	0.8	122	0.00
41 T	Methacrylonitrile	50.000	48.042	3.9	119	0.00
42 TM	1,2-Dichloroethane	50.000	49.855	0.3	122	0.00
43 T	Isopropyl Acetate	50.000	50.434	-0.9	121	0.00
44 TM	Trichloroethene	50.000	49.112	1.8	121	0.00
45 C	1,2-Dichloropropane	50.000	49.237	1.5#	121	0.00
46 T	Dibromomethane	50.000	50.069	-0.1	124	0.00
47 T	Bromodichloromethane	50.000	50.420	-0.8	124	0.00
48 T	Methyl methacrylate	50.000	50.456	-0.9	122	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	967.465	3.3	123	0.00
50 S	Toluene-d8	50.000	46.842	6.3	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.315	-1.3	120	0.00
52 CM	Toluene	50.000	50.407	-0.8#	123	0.00
53 T	t-1,3-Dichloropropene	50.000	52.416	-4.8	126	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.721	-3.4	126	0.00
55 T	1,1,2-Trichloroethane	50.000	48.370	3.3	120	0.00
56 T	Ethyl methacrylate	50.000	54.214	-8.4	126	0.00
57 T	1,3-Dichloropropane	50.000	50.877	-1.8	124	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.651	-7.5	126	0.00
59 T	2-Hexanone	250.000	267.268	-6.9	123	0.00
60 T	Dibromochloromethane	50.000	50.751	-1.5	124	0.00
61 T	1,2-Dibromoethane	50.000	49.976	0.0	125	0.00
62 S	4-Bromofluorobenzene	50.000	47.012	6.0	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64 T	Tetrachloroethene	50.000	48.214	3.6	122	0.00
65 PM	Chlorobenzene	50.000	50.798	-1.6	121	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.047	-2.1	121	0.00
67 C	Ethyl Benzene	50.000	51.208	-2.4#	122	0.00
68 T	m/p-Xylenes	100.000	104.109	-4.1	121	0.00
69 T	o-Xylene	50.000	52.899	-5.8	123	0.00
70 T	Styrene	50.000	54.133	-8.3	122	0.00
71 P	Bromoform	50.000	51.590	-3.2	121	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	51.590	-3.2	123	0.00
74 T	N-amyl acetate	50.000	58.174	-16.3	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.583	0.8	122	0.00
76 T	1,2,3-Trichloropropane	50.000	49.793	0.4	120	0.00
77 T	Bromobenzene	50.000	52.553	-5.1	124	0.00
78 T	n-propylbenzene	50.000	51.859	-3.7	122	0.00
79 T	2-Chlorotoluene	50.000	52.463	-4.9	123	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.853	-3.7	122	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.074	-2.1	129	0.00
82 T	4-Chlorotoluene	50.000	50.497	-1.0	122	0.00
83 T	tert-Butylbenzene	50.000	51.237	-2.5	122	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.321	-4.6	121	0.00
85 T	sec-Butylbenzene	50.000	51.364	-2.7	121	0.00
86 T	p-Isopropyltoluene	50.000	53.478	-7.0	123	0.00
87 T	1,3-Dichlorobenzene	50.000	51.358	-2.7	121	0.00
88 T	1,4-Dichlorobenzene	50.000	48.992	2.0	122	0.00
89 T	n-Butylbenzene	50.000	51.698	-3.4	119	0.00
90 T	Hexachloroethane	50.000	50.453	-0.9	120	0.00
91 T	1,2-Dichlorobenzene	50.000	50.769	-1.5	123	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.810	6.4	120	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.750	0.5	120	0.00
94 T	Hexachlorobutadiene	50.000	48.455	3.1	117	0.00
95 T	Naphthalene	50.000	50.263	-0.5	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.860	2.3	121	0.00

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