

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086869.D
 Acq On : 06 Jun 2025 15:54
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN060625

Quant Time: Jun 07 02:16:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	55.286	-10.6	116	0.00
3 P	Chloromethane	50.000	49.505	1.0	112	0.00
4 C	Vinyl Chloride	50.000	52.451	-4.9#	114	0.00
5 T	Bromomethane	50.000	55.292	-10.6	121	0.00
6 T	Chloroethane	50.000	51.117	-2.2	113	0.00
7 T	Trichlorofluoromethane	50.000	51.819	-3.6	113	0.00
8 T	Diethyl Ether	50.000	53.001	-6.0	116	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.615	-7.2	118	0.00
10 T	Methyl Iodide	50.000	53.227	-6.5	116	0.00
11 T	Tert butyl alcohol	250.000	262.193	-4.9	114	0.00
12 CM	1,1-Dichloroethene	50.000	51.678	-3.4#	113	0.00
13 T	Acrolein	250.000	240.545	3.8	128	0.00
14 T	Allyl chloride	50.000	50.504	-1.0	113	0.00
15 T	Acrylonitrile	250.000	258.885	-3.6	114	0.00
16 T	Acetone	250.000	246.750	1.3	114	0.00
17 T	Carbon Disulfide	50.000	50.550	-1.1	115	0.00
18 T	Methyl Acetate	50.000	51.912	-3.8	115	0.00
19 T	Methyl tert-butyl Ether	50.000	51.720	-3.4	113	0.00
20 T	Methylene Chloride	50.000	49.617	0.8	115	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.437	1.1	113	0.00
22 T	Diisopropyl ether	50.000	51.853	-3.7	114	0.00
23 T	Vinyl Acetate	250.000	255.055	-2.0	111	0.00
24 P	1,1-Dichloroethane	50.000	51.487	-3.0	114	0.00
25 T	2-Butanone	250.000	255.897	-2.4	113	0.00
26 T	2,2-Dichloropropane	50.000	57.031	-14.1	116	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.073	-2.1	114	0.00
28 T	Bromochloromethane	50.000	45.310	9.4	113	0.00
29 T	Tetrahydrofuran	250.000	256.656	-2.7	113	0.00
30 C	Chloroform	50.000	50.933	-1.9#	113	0.00
31 T	Cyclohexane	50.000	50.212	-0.4	114	0.00
32 T	1,1,1-Trichloroethane	50.000	50.603	-1.2	113	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.135	-4.3	147	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	54.416	-8.8	153	0.00
36 T	1,1-Dichloropropene	50.000	52.123	-4.2	115	0.00
37 T	Ethyl Acetate	50.000	50.125	-0.3	109	0.00
38 T	Carbon Tetrachloride	50.000	52.466	-4.9	116	0.00
39 T	Methylcyclohexane	50.000	52.686	-5.4	116	0.00
40 TM	Benzene	50.000	50.931	-1.9	114	0.00
41 T	Methacrylonitrile	50.000	52.607	-5.2	114	0.00
42 TM	1,2-Dichloroethane	50.000	51.489	-3.0	114	0.00
43 T	Isopropyl Acetate	50.000	50.536	-1.1	111	0.00
44 TM	Trichloroethene	50.000	51.788	-3.6	113	0.00
45 C	1,2-Dichloropropane	50.000	51.450	-2.9#	113	0.00
46 T	Dibromomethane	50.000	52.849	-5.7	116	0.00
47 T	Bromodichloromethane	50.000	51.824	-3.6	113	0.00
48 T	Methyl methacrylate	50.000	51.328	-2.7	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1110.123	-11.0	112	0.00
50 S	Toluene-d8	50.000	53.129	-6.3	151	0.00
51 T	4-Methyl-2-Pentanone	250.000	267.835	-7.1	113	0.00
52 CM	Toluene	50.000	52.040	-4.1#	114	0.00
53 T	t-1,3-Dichloropropene	50.000	53.137	-6.3	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.519	-5.0	114	0.00
55 T	1,1,2-Trichloroethane	50.000	51.562	-3.1	113	0.00
56 T	Ethyl methacrylate	50.000	56.688	-13.4	115	0.00
57 T	1,3-Dichloropropane	50.000	51.386	-2.8	112	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.006	1.6	120	0.00
59 T	2-Hexanone	250.000	283.478	-13.4	112	0.00
60 T	Dibromochloromethane	50.000	52.627	-5.3	114	0.00
61 T	1,2-Dibromoethane	50.000	51.887	-3.8	114	0.00
62 S	4-Bromofluorobenzene	50.000	54.081	-8.2	151	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	50.450	-0.9	114	0.00
65 PM	Chlorobenzene	50.000	50.892	-1.8	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.164	-4.3	115	0.00
67 C	Ethyl Benzene	50.000	51.590	-3.2#	114	0.00
68 T	m/p-Xylenes	100.000	103.912	-3.9	113	0.00
69 T	o-Xylene	50.000	52.387	-4.8	114	0.00
70 T	Styrene	50.000	52.758	-5.5	113	0.00
71 P	Bromoform	50.000	54.751	-9.5	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	51.823	-3.6	114	0.00
74 T	N-ethyl acetate	50.000	54.212	-8.4	112	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.763	-3.5	112	0.00
76 T	1,2,3-Trichloropropane	50.000	53.821	-7.6	112	0.00
77 T	Bromobenzene	50.000	52.313	-4.6	114	0.00
78 T	n-propylbenzene	50.000	52.397	-4.8	114	0.00
79 T	2-Chlorotoluene	50.000	51.650	-3.3	113	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.787	-5.6	113	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.702	-11.4	125	0.00
82 T	4-Chlorotoluene	50.000	51.884	-3.8	114	0.00
83 T	tert-Butylbenzene	50.000	52.532	-5.1	114	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.024	-6.0	113	0.00
85 T	sec-Butylbenzene	50.000	52.428	-4.9	113	0.00
86 T	p-Isopropyltoluene	50.000	53.174	-6.3	114	0.00
87 T	1,3-Dichlorobenzene	50.000	51.224	-2.4	112	0.00
88 T	1,4-Dichlorobenzene	50.000	51.557	-3.1	113	0.00
89 T	n-Butylbenzene	50.000	52.424	-4.8	113	0.00
90 T	Hexachloroethane	50.000	52.847	-5.7	114	0.00
91 T	1,2-Dichlorobenzene	50.000	51.340	-2.7	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.161	1.7	110	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.986	-4.0	112	0.00
94 T	Hexachlorobutadiene	50.000	52.843	-5.7	113	0.00
95 T	Naphthalene	50.000	52.005	-4.0	112	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	50.539	-1.1	110	0.00

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