

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041825\
 Data File : VN086331.D
 Acq On : 18 Apr 2025 08:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 19 02:18:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	46.870	6.3	99	0.00
3 P	Chloromethane	50.000	42.584	14.8	103	0.00
4 C	Vinyl Chloride	50.000	43.324	13.4#	95	0.00
5 T	Bromomethane	50.000	47.547	4.9	104	0.00
6 T	Chloroethane	50.000	41.484	17.0	96	0.00
7 T	Trichlorofluoromethane	50.000	47.114	5.8	105	0.00
8 T	Diethyl Ether	50.000	44.311	11.4	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.618	6.8	103	0.00
10 T	Methyl Iodide	50.000	51.295	-2.6	110	0.00
11 T	Tert butyl alcohol	250.000	211.503	15.4	95	0.00
12 CM	1,1-Dichloroethene	50.000	44.784	10.4#	101	0.00
13 T	Acrolein	250.000	292.731	-17.1	124	0.00
14 T	Allyl chloride	50.000	41.022	18.0	98	0.00
15 T	Acrylonitrile	250.000	216.605	13.4	94	0.00
16 T	Acetone	250.000	256.533	-2.6	108	0.00
17 T	Carbon Disulfide	50.000	39.209	21.6	94	0.00
18 T	Methyl Acetate	50.000	41.431	17.1	98	0.00
19 T	Methyl tert-butyl Ether	50.000	44.788	10.4	102	0.00
20 T	Methylene Chloride	50.000	44.404	11.2	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.787	10.4	101	0.00
22 T	Diisopropyl ether	50.000	42.767	14.5	98	0.00
23 T	Vinyl Acetate	250.000	209.902	16.0	95	0.00
24 P	1,1-Dichloroethane	50.000	45.132	9.7	101	0.00
25 T	2-Butanone	250.000	218.264	12.7	98	0.00
26 T	2,2-Dichloropropane	50.000	46.238	7.5	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	45.051	9.9	102	0.00
28 T	Bromochloromethane	50.000	45.505	9.0	99	0.00
29 T	Tetrahydrofuran	250.000	206.660	17.3	94	0.00
30 C	Chloroform	50.000	46.004	8.0#	104	0.00
31 T	Cyclohexane	50.000	41.404	17.2	97	0.00
32 T	1,1,1-Trichloroethane	50.000	46.259	7.5	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.102	5.8	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	46.307	7.4	103	0.00
36 T	1,1-Dichloropropene	50.000	47.185	5.6	101	0.00
37 T	Ethyl Acetate	50.000	43.208	13.6	97	0.00
38 T	Carbon Tetrachloride	50.000	48.635	2.7	104	0.00
39 T	Methylcyclohexane	50.000	45.870	8.3	99	0.00
40 TM	Benzene	50.000	46.404	7.2	100	0.00
41 T	Methacrylonitrile	50.000	43.417	13.2	95	0.00
42 TM	1,2-Dichloroethane	50.000	46.713	6.6	102	0.00
43 T	Isopropyl Acetate	50.000	44.866	10.3	93	0.00
44 TM	Trichloroethene	50.000	49.732	0.5	106	0.00
45 C	1,2-Dichloropropane	50.000	45.822	8.4#	98	0.00
46 T	Dibromomethane	50.000	48.464	3.1	101	0.00
47 T	Bromodichloromethane	50.000	48.011	4.0	103	0.00
48 T	Methyl methacrylate	50.000	42.963	14.1	95	0.00

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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)
49 T	1,4-Dioxane	1000.000	907.282	9.3	104	0.00
50 S	Toluene-d8	50.000	48.596	2.8	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	224.040	10.4	95	0.00
52 CM	Toluene	50.000	47.605	4.8#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	48.351	3.3	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.724	6.6	102	0.00
55 T	1,1,2-Trichloroethane	50.000	47.522	5.0	102	0.00
56 T	Ethyl methacrylate	50.000	45.852	8.3	99	0.00
57 T	1,3-Dichloropropane	50.000	47.127	5.7	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	222.800	10.9	92	0.00
59 T	2-Hexanone	250.000	223.230	10.7	95	0.00
60 T	Dibromochloromethane	50.000	48.842	2.3	104	0.00
61 T	1,2-Dibromoethane	50.000	48.256	3.5	102	0.00
62 S	4-Bromofluorobenzene	50.000	49.491	1.0	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64 T	Tetrachloroethene	50.000	51.090	-2.2	109	0.00
65 PM	Chlorobenzene	50.000	47.606	4.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.008	4.0	104	0.00
67 C	Ethyl Benzene	50.000	47.313	5.4#	102	0.00
68 T	m/p-Xylenes	100.000	96.780	3.2	103	0.00
69 T	o-Xylene	50.000	47.676	4.6	102	0.00
70 T	Styrene	50.000	49.487	1.0	104	0.00
71 P	Bromoform	50.000	48.437	3.1	106	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	45.347	9.3	104	0.00
74 T	N-amyl acetate	50.000	38.337	23.3	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.695	16.6	99	0.00
76 T	1,2,3-Trichloropropane	50.000	42.761	14.5	101	0.00
77 T	Bromobenzene	50.000	47.257	5.5	105	0.00
78 T	n-propylbenzene	50.000	45.860	8.3	103	0.00
79 T	2-Chlorotoluene	50.000	44.880	10.2	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.275	7.5	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.268	9.5	100	0.00
82 T	4-Chlorotoluene	50.000	46.148	7.7	102	0.00
83 T	tert-Butylbenzene	50.000	44.785	10.4	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.163	7.7	103	0.00
85 T	sec-Butylbenzene	50.000	46.371	7.3	103	0.00
86 T	p-Isopropyltoluene	50.000	47.619	4.8	104	0.00
87 T	1,3-Dichlorobenzene	50.000	48.920	2.2	108	0.00
88 T	1,4-Dichlorobenzene	50.000	48.158	3.7	107	0.00
89 T	n-Butylbenzene	50.000	48.012	4.0	104	0.00
90 T	Hexachloroethane	50.000	45.748	8.5	103	0.00
91 T	1,2-Dichlorobenzene	50.000	48.568	2.9	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.752	10.5	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.588	0.8	107	0.00
94 T	Hexachlorobutadiene	50.000	50.177	-0.4	111	0.00
95 T	Naphthalene	50.000	46.486	7.0	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.140	3.7	106	0.00

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