

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086502.D
 Acq On : 05 May 2025 21:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 06 01:49:03 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	44.715	10.6	81	0.00
3 P	Chloromethane	50.000	38.104	23.8	79	0.00
4 C	Vinyl Chloride	50.000	40.772	18.5#	77	0.00
5 T	Bromomethane	50.000	49.845	0.3	94	0.00
6 T	Chloroethane	50.000	40.506	19.0	81	0.00
7 T	Trichlorofluoromethane	50.000	47.674	4.7	91	0.00
8 T	Diethyl Ether	50.000	43.917	12.2	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.301	7.4	88	0.00
10 T	Methyl Iodide	50.000	54.115	-8.2	99	0.00
11 T	Tert butyl alcohol	250.000	214.595	14.2	83	0.00
12 CM	1,1-Dichloroethene	50.000	45.098	9.8#	87	0.00
13 T	Acrolein	250.000	238.230	4.7	88	0.00
14 T	Allyl chloride	50.000	36.521	27.0#	74	0.00
15 T	Acrylonitrile	250.000	214.768	14.1	80	0.00
16 T	Acetone	250.000	230.271	7.9	83	0.00
17 T	Carbon Disulfide	50.000	37.497	25.0#	77	0.00
18 T	Methyl Acetate	50.000	38.252	23.5	77	0.00
19 T	Methyl tert-butyl Ether	50.000	44.766	10.5	87	0.00
20 T	Methylene Chloride	50.000	44.948	10.1	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.903	8.2	89	0.00
22 T	Diisopropyl ether	50.000	41.603	16.8	81	0.00
23 T	Vinyl Acetate	250.000	208.055	16.8	81	0.00
24 P	1,1-Dichloroethane	50.000	44.430	11.1	85	0.00
25 T	2-Butanone	250.000	207.702	16.9	80	0.00
26 T	2,2-Dichloropropane	50.000	38.224	23.6	76	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.780	6.4	91	0.00
28 T	Bromochloromethane	50.000	41.364	17.3	77	0.00
29 T	Tetrahydrofuran	250.000	203.831	18.5	79	0.00
30 C	Chloroform	50.000	46.897	6.2#	91	0.00
31 T	Cyclohexane	50.000	39.476	21.0	79	0.00
32 T	1,1,1-Trichloroethane	50.000	48.499	3.0	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.300	3.4	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	53.863	-7.7	104	0.00
36 T	1,1-Dichloropropene	50.000	46.543	6.9	87	0.00
37 T	Ethyl Acetate	50.000	42.411	15.2	83	0.00
38 T	Carbon Tetrachloride	50.000	50.735	-1.5	95	0.00
39 T	Methylcyclohexane	50.000	43.669	12.7	82	0.00
40 TM	Benzene	50.000	46.040	7.9	87	0.00
41 T	Methacrylonitrile	50.000	41.310	17.4	79	0.00
42 TM	1,2-Dichloroethane	50.000	47.964	4.1	92	0.00
43 T	Isopropyl Acetate	50.000	44.509	11.0	81	0.00
44 TM	Trichloroethene	50.000	50.029	-0.1	93	0.00
45 C	1,2-Dichloropropane	50.000	45.109	9.8#	84	0.00
46 T	Dibromomethane	50.000	50.034	-0.1	91	0.00
47 T	Bromodichloromethane	50.000	48.560	2.9	91	0.00
48 T	Methyl methacrylate	50.000	41.315	17.4	80	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	961.530	3.8	96	0.00
50 S	Toluene-d8	50.000	48.918	2.2	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	219.817	12.1	81	0.00
52 CM	Toluene	50.000	48.343	3.3#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	46.445	7.1	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	44.504	11.0	85	0.00
55 T	1,1,2-Trichloroethane	50.000	49.540	0.9	93	0.00
56 T	Ethyl methacrylate	50.000	45.913	8.2	87	0.00
57 T	1,3-Dichloropropane	50.000	47.793	4.4	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	207.265	17.1	75	0.00
59 T	2-Hexanone	250.000	217.213	13.1	81	0.00
60 T	Dibromochloromethane	50.000	51.436	-2.9	95	0.00
61 T	1,2-Dibromoethane	50.000	51.301	-2.6	95	0.00
62 S	4-Bromofluorobenzene	50.000	50.050	-0.1	88	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64 T	Tetrachloroethene	50.000	50.142	-0.3	96	0.00
65 PM	Chlorobenzene	50.000	48.099	3.8	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.399	1.2	97	0.00
67 C	Ethyl Benzene	50.000	46.784	6.4#	91	0.00
68 T	m/p-Xylenes	100.000	95.538	4.5	92	0.00
69 T	o-Xylene	50.000	47.892	4.2	93	0.00
70 T	Styrene	50.000	48.328	3.3	91	0.00
71 P	Bromoform	50.000	49.269	1.5	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	45.868	8.3	93	0.00
74 T	N-amyl acetate	50.000	38.312	23.4	81	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.991	12.0	92	0.00
76 T	1,2,3-Trichloropropane	50.000	43.039	13.9	90	0.00
77 T	Bromobenzene	50.000	50.190	-0.4	98	0.00
78 T	n-propylbenzene	50.000	45.049	9.9	89	0.00
79 T	2-Chlorotoluene	50.000	44.998	10.0	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.637	8.7	91	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.256	11.5	87	0.00
82 T	4-Chlorotoluene	50.000	45.188	9.6	89	0.00
83 T	tert-Butylbenzene	50.000	45.600	8.8	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.126	7.7	91	0.00
85 T	sec-Butylbenzene	50.000	45.541	8.9	90	0.00
86 T	p-Isopropyltoluene	50.000	46.135	7.7	89	0.00
87 T	1,3-Dichlorobenzene	50.000	48.252	3.5	94	0.00
88 T	1,4-Dichlorobenzene	50.000	47.383	5.2	93	0.00
89 T	n-Butylbenzene	50.000	43.520	13.0	83	0.00
90 T	Hexachloroethane	50.000	45.864	8.3	91	0.00
91 T	1,2-Dichlorobenzene	50.000	48.325	3.3	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.697	12.6	86	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.906	4.2	91	0.00
94 T	Hexachlorobutadiene	50.000	45.772	8.5	90	0.00
95 T	Naphthalene	50.000	46.915	6.2	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.086	5.8	92	0.00

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