

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087207.D
 Acq On : 27 Jun 2025 09:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 23:38:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 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	109	0.00
2 T	Dichlorodifluoromethane	50.000	47.417	5.2	105	0.00
3 P	Chloromethane	50.000	50.452	-0.9	113	0.00
4 C	Vinyl Chloride	50.000	43.779	12.4#	99	0.00
5 T	Bromomethane	50.000	44.777	10.4	110	0.00
6 T	Chloroethane	50.000	45.335	9.3	100	0.00
7 T	Trichlorofluoromethane	50.000	54.244	-8.5	126	0.00
8 T	Diethyl Ether	50.000	51.867	-3.7	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.082	9.8	93	0.00
10 T	Methyl Iodide	50.000	51.864	-3.7	104	0.00
11 T	Tert butyl alcohol	250.000	211.494	15.4	91	0.00
12 CM	1,1-Dichloroethene	50.000	44.316	11.4#	94	0.00
13 T	Acrolein	250.000	270.714	-8.3	115	0.00
14 T	Allyl chloride	50.000	46.917	6.2	100	0.00
15 T	Acrylonitrile	250.000	236.110	5.6	98	0.00
16 T	Acetone	250.000	285.252	-14.1	116	0.00
17 T	Carbon Disulfide	50.000	50.801	-1.6	103	0.00
18 T	Methyl Acetate	50.000	43.903	12.2	94	0.00
19 T	Methyl tert-butyl Ether	50.000	48.319	3.4	102	0.00
20 T	Methylene Chloride	50.000	48.959	2.1	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.907	8.2	101	0.00
22 T	Diisopropyl ether	50.000	44.109	11.8	95	0.00
23 T	Vinyl Acetate	250.000	226.317	9.5	96	0.00
24 P	1,1-Dichloroethane	50.000	44.581	10.8	98	0.00
25 T	2-Butanone	250.000	240.013	4.0	98	0.00
26 T	2,2-Dichloropropane	50.000	50.334	-0.7	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.476	7.0	99	0.00
28 T	Bromochloromethane	50.000	40.404	19.2	81	0.00
29 T	Tetrahydrofuran	250.000	204.483	18.2	83	0.00
30 C	Chloroform	50.000	44.630	10.7#	96	0.00
31 T	Cyclohexane	50.000	49.210	1.6	106	0.00
32 T	1,1,1-Trichloroethane	50.000	46.813	6.4	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.823	8.4	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35 S	Dibromofluoromethane	50.000	46.404	7.2	103	0.00
36 T	1,1-Dichloropropene	50.000	49.287	1.4	102	0.00
37 T	Ethyl Acetate	50.000	46.251	7.5	97	0.00
38 T	Carbon Tetrachloride	50.000	47.969	4.1	100	0.00
39 T	Methylcyclohexane	50.000	48.992	2.0	108	0.00
40 TM	Benzene	50.000	48.751	2.5	103	0.00
41 T	Methacrylonitrile	50.000	40.913	18.2	82	0.00
42 TM	1,2-Dichloroethane	50.000	47.834	4.3	99	0.00
43 T	Isopropyl Acetate	50.000	50.327	-0.7	99	0.00
44 TM	Trichloroethene	50.000	46.230	7.5	101	0.00
45 C	1,2-Dichloropropane	50.000	47.661	4.7#	105	0.00
46 T	Dibromomethane	50.000	45.102	9.8	99	0.00
47 T	Bromodichloromethane	50.000	47.599	4.8	108	0.00
48 T	Methyl methacrylate	50.000	44.876	10.2	94	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	762.909	23.7	86	0.00
50 S	Toluene-d8	50.000	45.065	9.9	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	227.287	9.1	100	0.00
52 CM	Toluene	50.000	47.702	4.6#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	48.605	2.8	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	39.686	20.6	85	0.00
55 T	1,1,2-Trichloroethane	50.000	44.749	10.5	96	0.00
56 T	Ethyl methacrylate	50.000	46.613	6.8	100	0.00
57 T	1,3-Dichloropropane	50.000	44.313	11.4	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	226.389	9.4	98	0.00
59 T	2-Hexanone	250.000	215.628	13.7	90	0.00
60 T	Dibromochloromethane	50.000	42.241	15.5	91	0.00
61 T	1,2-Dibromoethane	50.000	41.287	17.4	88	0.00
62 S	4-Bromofluorobenzene	50.000	44.630	10.7	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	54.333	-8.7	95	0.00
65 PM	Chlorobenzene	50.000	48.439	3.1	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.367	1.3	86	0.00
67 C	Ethyl Benzene	50.000	51.734	-3.5#	87	0.00
68 T	m/p-Xylenes	100.000	110.822	-10.8	93	0.00
69 T	o-Xylene	50.000	55.876	-11.8	89	0.00
70 T	Styrene	50.000	54.480	-9.0	87	0.00
71 P	Bromoform	50.000	52.493	-5.0	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	48.844	2.3	89	0.00
74 T	N-ethyl acetate	50.000	44.507	11.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.947	-1.9	97	0.00
76 T	1,2,3-Trichloropropane	50.000	47.840	4.3	87	0.00
77 T	Bromobenzene	50.000	50.161	-0.3	94	0.00
78 T	n-propylbenzene	50.000	53.770	-7.5	98	0.00
79 T	2-Chlorotoluene	50.000	53.267	-6.5	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.362	-12.7	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.713	0.6	103	0.00
82 T	4-Chlorotoluene	50.000	54.769	-9.5	102	0.00
83 T	tert-Butylbenzene	50.000	57.016	-14.0	103	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.033	-12.1	101	0.00
85 T	sec-Butylbenzene	50.000	53.236	-6.5	97	0.00
86 T	p-Isopropyltoluene	50.000	51.637	-3.3	93	0.00
87 T	1,3-Dichlorobenzene	50.000	47.828	4.3	92	0.00
88 T	1,4-Dichlorobenzene	50.000	48.517	3.0	93	0.00
89 T	n-Butylbenzene	50.000	54.463	-8.9	100	0.00
90 T	Hexachloroethane	50.000	51.982	-4.0	99	0.00
91 T	1,2-Dichlorobenzene	50.000	50.057	-0.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.091	-2.2	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.792	2.4	90	0.00
94 T	Hexachlorobutadiene	50.000	44.490	11.0	85	0.00
95 T	Naphthalene	50.000	48.202	3.6	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.895	10.2	83	0.00

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