

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN050120\
 Data File : VN061246.D
 Acq On : 2 May 2020 00:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 04 07:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 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	80	0.00
2 T	Dichlorodifluoromethane	50.000	44.132	11.7	66	0.00
3 P	Chloromethane	50.000	63.754	-27.5#	99	0.00
4 C	Vinyl Chloride	50.000	51.837	-3.7#	80	0.00
5 T	Bromomethane	50.000	50.165	-0.3	79	0.00
6 T	Chloroethane	50.000	54.569	-9.1	85	0.00
7 T	Trichlorofluoromethane	50.000	52.311	-4.6	83	0.00
8 T	Diethyl Ether	50.000	68.304	-36.6#	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.415	3.2	77	0.00
10 T	Methyl Iodide	50.000	52.962	-5.9	84	0.00
11 T	Tert butyl alcohol	250.000	292.398	-17.0	95	0.00
12 CM	1,1-Dichloroethene	50.000	50.164	-0.3#	80	0.00
13 T	Acrolein	250.000	287.432	-15.0	96	0.00
14 T	Allyl chloride	50.000	66.297	-32.6#	98	0.00
15 T	Acrylonitrile	250.000	323.972	-29.6#	100	0.00
16 T	Acetone	250.000	300.614	-20.2	98	0.00
17 T	Carbon Disulfide	50.000	46.583	6.8	72	0.00
18 T	Methyl Acetate	50.000	56.314	-12.6	95	0.00
19 T	Methyl tert-butyl Ether	50.000	61.370	-22.7	98	0.00
20 T	Methylene Chloride	50.000	60.626	-21.3	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.903	-9.8	86	0.00
22 T	Diisopropyl ether	50.000	64.819	-29.6#	102	0.00
23 T	Vinyl Acetate	250.000	323.131	-29.3#	99	0.00
24 P	1,1-Dichloroethane	50.000	58.166	-16.3	92	0.00
25 T	2-Butanone	250.000	303.719	-21.5	94	0.00
26 T	2,2-Dichloropropane	50.000	44.569	10.9	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	58.245	-16.5	93	0.00
28 T	Bromochloromethane	50.000	64.397	-28.8#	109	0.00
29 T	Tetrahydrofuran	250.000	312.051	-24.8	96	0.00
30 C	Chloroform	50.000	56.735	-13.5#	91	0.00
31 T	Cyclohexane	50.000	43.085	13.8	71	0.00
32 T	1,1,1-Trichloroethane	50.000	49.639	0.7	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.372	-8.7	90	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35 S	Dibromofluoromethane	50.000	48.080	3.8	80	0.00
36 T	1,1-Dichloropropene	50.000	48.445	3.1	77	0.00
37 T	Ethyl Acetate	50.000	60.163	-20.3	96	0.00
38 T	Carbon Tetrachloride	50.000	44.809	10.4	75	0.00
39 T	Methylcyclohexane	50.000	44.877	10.2	71	0.00
40 TM	Benzene	50.000	54.380	-8.8	88	0.00
41 T	Methacrylonitrile	50.000	59.603	-19.2	100	0.00
42 TM	1,2-Dichloroethane	50.000	58.937	-17.9	94	0.00
43 T	Isopropyl Acetate	50.000	59.649	-19.3	96	0.00
44 TM	Trichloroethene	50.000	47.624	4.8	78	0.00
45 C	1,2-Dichloropropane	50.000	58.983	-18.0#	95	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	60.143	-20.3	94	0.00
47 T	Bromodichloromethane	50.000	58.739	-17.5	94	0.00
48 T	Methyl methacrylate	50.000	60.864	-21.7	95	0.00
49 T	1,4-Dioxane	1000.000	1199.338	-19.9	105	0.00
50 S	Toluene-d8	50.000	48.841	2.3	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	305.678	-22.3	94	0.00
52 CM	Toluene	50.000	53.126	-6.3#	83	0.00
53 T	t-1,3-Dichloropropene	50.000	56.517	-13.0	90	0.00
54 T	cis-1,3-Dichloropropene	50.000	57.418	-14.8	93	0.00
55 T	1,1,2-Trichloroethane	50.000	57.981	-16.0	93	0.00
56 T	Ethyl methacrylate	50.000	54.346	-8.7	94	0.00
57 T	1,3-Dichloropropane	50.000	60.144	-20.3	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	306.947	-22.8	97	0.00
59 T	2-Hexanone	250.000	299.869	-19.9	91	0.00
60 T	Dibromochloromethane	50.000	57.502	-15.0	91	0.00
61 T	1,2-Dibromoethane	50.000	58.459	-16.9	91	0.00
62 S	4-Bromofluorobenzene	50.000	48.499	3.0	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64 T	Tetrachloroethene	50.000	44.113	11.8	71	0.00
65 PM	Chlorobenzene	50.000	52.071	-4.1	83	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.172	-12.3	88	0.00
67 C	Ethyl Benzene	50.000	50.738	-1.5#	79	0.00
68 T	m/p-Xylenes	100.000	102.120	-2.1	79	0.00
69 T	o-Xylene	50.000	51.138	-2.3	79	0.00
70 T	Styrene	50.000	53.957	-7.9	82	0.00
71 P	Bromoform	50.000	58.581	-17.2	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73 T	Isopropylbenzene	50.000	51.107	-2.2	76	0.00
74 T	N-amyl acetate	50.000	61.247	-22.5	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	61.419	-22.8	92	0.00
76 T	1,2,3-Trichloropropane	50.000	57.757	-15.5	88	0.00
77 T	Bromobenzene	50.000	55.565	-11.1	83	0.00
78 T	n-propylbenzene	50.000	51.862	-3.7	76	0.00
79 T	2-Chlorotoluene	50.000	53.185	-6.4	80	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.596	-7.2	78	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.689	-13.4	85	0.00
82 T	4-Chlorotoluene	50.000	53.818	-7.6	80	0.00
83 T	tert-Butylbenzene	50.000	49.927	0.1	73	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.838	-5.7	78	0.00
85 T	sec-Butylbenzene	50.000	50.609	-1.2	73	0.00
86 T	p-Isopropyltoluene	50.000	50.947	-1.9	74	0.00
87 T	1,3-Dichlorobenzene	50.000	53.107	-6.2	79	0.00
88 T	1,4-Dichlorobenzene	50.000	52.048	-4.1	79	0.00
89 T	n-Butylbenzene	50.000	51.530	-3.1	74	0.00

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90 T	Hexachloroethane	50.000	55.291	-10.6	96	0.00
91 T	1,2-Dichlorobenzene	50.000	54.865	-9.7	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.656	-15.3	82	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.674	-5.3	77	0.00
94 T	Hexachlorobutadiene	50.000	50.893	-1.8	75	0.00
95 T	Naphthalene	50.000	53.111	-6.2	76	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.530	-7.1	79	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6