

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064287.D
 Acq On : 23 Oct 2020 15:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 23 16:36:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 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	95	0.00
2 T	Dichlorodifluoromethane	50.000	50.312	-0.6	96	0.00
3 P	Chloromethane	50.000	52.205	-4.4	93	0.00
4 C	Vinyl Chloride	50.000	52.545	-5.1#	95	0.00
5 T	Bromomethane	50.000	49.539	0.9	93	0.00
6 T	Chloroethane	50.000	49.692	0.6	92	0.00
7 T	Trichlorofluoromethane	50.000	52.781	-5.6	95	0.00
8 T	Diethyl Ether	50.000	51.925	-3.8	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.702	-5.4	97	0.00
10 T	Methyl Iodide	50.000	49.286	1.4	91	0.00
11 T	Tert butyl alcohol	250.000	240.720	3.7	92	0.00
12 CM	1,1-Dichloroethene	50.000	51.523	-3.0#	95	0.00
13 T	Acrolein	250.000	310.955	-24.4	127	0.00
14 T	Allyl chloride	50.000	50.871	-1.7	93	0.00
15 T	Acrylonitrile	250.000	261.218	-4.5	97	0.00
16 T	Acetone	250.000	302.213	-20.9	113	0.00
17 T	Carbon Disulfide	50.000	50.307	-0.6	92	0.00
18 T	Methyl Acetate	50.000	53.420	-6.8	103	0.00
19 T	Methyl tert-butyl Ether	50.000	51.486	-3.0	95	0.00
20 T	Methylene Chloride	50.000	48.284	3.4	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	51.213	-2.4	95	0.00
22 T	Diisopropyl ether	50.000	50.156	-0.3	95	0.00
23 T	Vinyl Acetate	250.000	260.694	-4.3	95	0.00
24 P	1,1-Dichloroethane	50.000	52.988	-6.0	98	0.00
25 T	2-Butanone	250.000	271.375	-8.6	102	0.00
26 T	2,2-Dichloropropane	50.000	50.751	-1.5	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.816	-1.6	96	0.00
28 T	Bromochloromethane	50.000	50.622	-1.2	97	0.00
29 T	Tetrahydrofuran	250.000	260.093	-4.0	96	0.00
30 C	Chloroform	50.000	51.517	-3.0#	97	0.00
31 T	Cyclohexane	50.000	46.813	6.4	95	0.00
32 T	1,1,1-Trichloroethane	50.000	51.874	-3.7	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.763	2.5	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	50.590	-1.2	100	0.00
36 T	1,1-Dichloropropene	50.000	51.470	-2.9	97	0.00
37 T	Ethyl Acetate	50.000	51.963	-3.9	97	0.00
38 T	Carbon Tetrachloride	50.000	51.425	-2.8	95	0.00
39 T	Methylcyclohexane	50.000	52.674	-5.3	96	0.00
40 TM	Benzene	50.000	50.565	-1.1	95	0.00
41 T	Methacrylonitrile	50.000	41.769	16.5	89	0.00
42 TM	1,2-Dichloroethane	50.000	50.611	-1.2	96	0.00
43 T	Isopropyl Acetate	50.000	50.726	-1.5	96	0.00
44 TM	Trichloroethene	50.000	51.145	-2.3	97	0.00
45 C	1,2-Dichloropropane	50.000	50.737	-1.5#	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)
46 T	Dibromomethane	50.000	51.476	-3.0	92	0.00
47 T	Bromodichloromethane	50.000	52.188	-4.4	95	0.00
48 T	Methyl methacrylate	50.000	48.778	2.4	94	0.00
49 T	1,4-Dioxane	1000.000	990.250	1.0	96	0.00
50 S	Toluene-d8	50.000	50.081	-0.2	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	262.769	-5.1	97	0.00
52 CM	Toluene	50.000	50.689	-1.4#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	52.088	-4.2	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.736	-1.5	94	0.00
55 T	1,1,2-Trichloroethane	50.000	51.864	-3.7	95	0.00
56 T	Ethyl methacrylate	50.000	51.947	-3.9	94	0.00
57 T	1,3-Dichloropropane	50.000	52.619	-5.2	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.962	-3.2	94	0.00
59 T	2-Hexanone	250.000	266.594	-6.6	97	0.00
60 T	Dibromochloromethane	50.000	50.975	-2.0	96	0.00
61 T	1,2-Dibromoethane	50.000	52.350	-4.7	95	0.00
62 S	4-Bromofluorobenzene	50.000	49.670	0.7	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	51.627	-3.3	99	0.00
65 PM	Chlorobenzene	50.000	51.570	-3.1	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.068	-4.1	96	0.00
67 C	Ethyl Benzene	50.000	51.779	-3.6#	96	0.00
68 T	m/p-Xylenes	100.000	104.646	-4.6	98	0.00
69 T	o-Xylene	50.000	51.888	-3.8	95	0.00
70 T	Styrene	50.000	52.631	-5.3	95	0.00
71 P	Bromoform	50.000	52.629	-5.3	95	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	50.163	-0.3	95	0.00
74 T	N-amyl acetate	50.000	50.794	-1.6	94	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.339	1.3	95	0.00
76 T	1,2,3-Trichloropropane	50.000	51.701	-3.4	106	0.00
77 T	Bromobenzene	50.000	51.551	-3.1	98	0.00
78 T	n-propylbenzene	50.000	50.713	-1.4	95	0.00
79 T	2-Chlorotoluene	50.000	50.176	-0.4	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.370	-0.7	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.564	2.9	93	0.00
82 T	4-Chlorotoluene	50.000	51.627	-3.3	97	0.00
83 T	tert-Butylbenzene	50.000	49.906	0.2	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.309	-2.6	96	0.00
85 T	sec-Butylbenzene	50.000	51.815	-3.6	97	0.00
86 T	p-Isopropyltoluene	50.000	52.623	-5.2	98	0.00
87 T	1,3-Dichlorobenzene	50.000	51.605	-3.2	97	0.00
88 T	1,4-Dichlorobenzene	50.000	51.283	-2.6	98	0.00
89 T	n-Butylbenzene	50.000	52.378	-4.8	97	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.876	2.2	94	0.00
91 T	1,2-Dichlorobenzene	50.000	50.858	-1.7	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.848	4.3	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	54.386	-8.8	97	0.00
94 T	Hexachlorobutadiene	50.000	51.787	-3.6	100	0.00
95 T	Naphthalene	50.000	52.943	-5.9	95	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.879	-1.8	94	0.00

(#) = Out of Range

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