

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN102220\
 Data File : VN064276.D
 Acq On : 23 Oct 2020 1:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 23 03:49:02 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	50.748	-1.5	93	0.00
3 P	Chloromethane	50.000	52.006	-4.0	89	0.00
4 C	Vinyl Chloride	50.000	54.093	-8.2#	93	0.00
5 T	Bromomethane	50.000	49.846	0.3	90	0.00
6 T	Chloroethane	50.000	51.116	-2.2	91	0.00
7 T	Trichlorofluoromethane	50.000	54.803	-9.6	95	0.00
8 T	Diethyl Ether	50.000	51.343	-2.7	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.331	-0.7	89	0.00
10 T	Methyl Iodide	50.000	50.633	-1.3	89	0.00
11 T	Tert butyl alcohol	250.000	248.455	0.6	91	0.00
12 CM	1,1-Dichloroethene	50.000	51.205	-2.4#	91	0.00
13 T	Acrolein	250.000	340.232	-36.1#	133	0.00
14 T	Allyl chloride	50.000	51.377	-2.8	90	0.00
15 T	Acrylonitrile	250.000	270.065	-8.0	96	0.00
16 T	Acetone	250.000	270.717	-8.3	97	0.00
17 T	Carbon Disulfide	50.000	50.772	-1.5	89	0.00
18 T	Methyl Acetate	50.000	55.360	-10.7	103	0.00
19 T	Methyl tert-butyl Ether	50.000	52.652	-5.3	93	0.00
20 T	Methylene Chloride	50.000	50.526	-1.1	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.123	-4.2	93	0.00
22 T	Diisopropyl ether	50.000	51.244	-2.5	93	0.00
23 T	Vinyl Acetate	250.000	266.300	-6.5	93	0.00
24 P	1,1-Dichloroethane	50.000	53.619	-7.2	95	0.00
25 T	2-Butanone	250.000	266.777	-6.7	96	0.00
26 T	2,2-Dichloropropane	50.000	43.096	13.8	78	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.580	-7.2	97	0.00
28 T	Bromochloromethane	50.000	51.848	-3.7	95	0.00
29 T	Tetrahydrofuran	250.000	272.049	-8.8	96	0.00
30 C	Chloroform	50.000	52.653	-5.3#	95	0.00
31 T	Cyclohexane	50.000	45.900	8.2	89	0.00
32 T	1,1,1-Trichloroethane	50.000	54.079	-8.2	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.274	-4.5	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35 S	Dibromofluoromethane	50.000	48.428	3.1	95	0.00
36 T	1,1-Dichloropropene	50.000	51.213	-2.4	96	0.00
37 T	Ethyl Acetate	50.000	52.062	-4.1	96	0.00
38 T	Carbon Tetrachloride	50.000	51.556	-3.1	95	0.00
39 T	Methylcyclohexane	50.000	49.031	1.9	89	0.00
40 TM	Benzene	50.000	51.018	-2.0	95	0.00
41 T	Methacrylonitrile	50.000	51.407	-2.8	109	0.00
42 TM	1,2-Dichloroethane	50.000	50.386	-0.8	95	0.00
43 T	Isopropyl Acetate	50.000	50.570	-1.1	95	0.00
44 TM	Trichloroethene	50.000	51.340	-2.7	96	0.00
45 C	1,2-Dichloropropane	50.000	50.265	-0.5#	92	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	52.087	-4.2	92	0.00
47 T	Bromodichloromethane	50.000	51.545	-3.1	93	0.00
48 T	Methyl methacrylate	50.000	49.509	1.0	94	0.00
49 T	1,4-Dioxane	1000.000	931.836	6.8	90	0.00
50 S	Toluene-d8	50.000	48.846	2.3	92	0.00
51 T	4-Methyl-2-Pentanone	250.000	266.664	-6.7	97	0.00
52 CM	Toluene	50.000	50.088	-0.2#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	50.296	-0.6	91	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.213	1.6	90	0.00
55 T	1,1,2-Trichloroethane	50.000	52.547	-5.1	95	0.00
56 T	Ethyl methacrylate	50.000	52.680	-5.4	95	0.00
57 T	1,3-Dichloropropane	50.000	52.933	-5.9	95	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	252.941	-1.2	92	0.00
59 T	2-Hexanone	250.000	263.402	-5.4	94	0.00
60 T	Dibromochloromethane	50.000	49.591	0.8	92	0.00
61 T	1,2-Dibromoethane	50.000	52.784	-5.6	95	0.00
62 S	4-Bromofluorobenzene	50.000	49.366	1.3	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	50.839	-1.7	97	0.00
65 PM	Chlorobenzene	50.000	50.024	-0.0	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.713	-1.4	94	0.00
67 C	Ethyl Benzene	50.000	50.877	-1.8#	94	0.00
68 T	m/p-Xylenes	100.000	102.472	-2.5	96	0.00
69 T	o-Xylene	50.000	51.027	-2.1	93	0.00
70 T	Styrene	50.000	50.804	-1.6	92	0.00
71 P	Bromoform	50.000	52.106	-4.2	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	50.034	-0.1	93	0.00
74 T	N-amyl acetate	50.000	51.281	-2.6	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.827	-1.7	95	0.00
76 T	1,2,3-Trichloropropane	50.000	51.589	-3.2	103	0.00
77 T	Bromobenzene	50.000	51.812	-3.6	96	0.00
78 T	n-propylbenzene	50.000	50.492	-1.0	93	0.00
79 T	2-Chlorotoluene	50.000	50.746	-1.5	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.020	-0.0	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.825	6.3	88	0.00
82 T	4-Chlorotoluene	50.000	51.475	-3.0	94	0.00
83 T	tert-Butylbenzene	50.000	49.758	0.5	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.355	-0.7	92	0.00
85 T	sec-Butylbenzene	50.000	50.830	-1.7	93	0.00
86 T	p-Isopropyltoluene	50.000	51.283	-2.6	93	0.00
87 T	1,3-Dichlorobenzene	50.000	50.901	-1.8	94	0.00
88 T	1,4-Dichlorobenzene	50.000	50.143	-0.3	94	0.00
89 T	n-Butylbenzene	50.000	49.210	1.6	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.678	4.6	90	0.00
91 T	1,2-Dichlorobenzene	50.000	51.325	-2.7	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.136	-4.3	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.546	-1.1	88	0.00
94 T	Hexachlorobutadiene	50.000	46.729	6.5	88	0.00
95 T	Naphthalene	50.000	50.528	-1.1	89	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.737	2.5	88	0.00

(#) = Out of Range

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