

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN011620\
 Data File : VN059721.D
 Acq On : 16 Jan 2020 10:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 17 06:47:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	46.722	6.6	101	0.00
3 P	Chloromethane	50.000	43.820	12.4	96	0.00
4 C	Vinyl Chloride	50.000	47.427	5.1#	97	0.00
5 T	Bromomethane	50.000	46.407	7.2	100	0.00
6 T	Chloroethane	50.000	45.081	9.8	98	0.00
7 T	Trichlorofluoromethane	50.000	46.992	6.0	101	0.00
8 T	Diethyl Ether	50.000	46.529	6.9	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.236	3.5	103	0.00
10 T	Methyl Iodide	50.000	45.617	8.8	98	0.00
11 T	Tert butyl alcohol	250.000	211.286	15.5	91	0.00
12 CM	1,1-Dichloroethene	50.000	45.539	8.9#	100	0.00
13 T	Acrolein	250.000	136.607	45.4#	62	0.00
14 T	Allyl chloride	50.000	45.595	8.8	98	0.00
15 T	Acrylonitrile	250.000	225.168	9.9	94	0.00
16 T	Acetone	250.000	238.635	4.5	101	0.00
17 T	Carbon Disulfide	50.000	44.490	11.0	97	0.00
18 T	Methyl Acetate	50.000	43.682	12.6	95	0.00
19 T	Methyl tert-butyl Ether	50.000	45.938	8.1	100	0.00
20 T	Methylene Chloride	50.000	45.381	9.2	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.500	9.0	99	0.00
22 T	Diisopropyl ether	50.000	45.857	8.3	100	0.00
23 T	Vinyl Acetate	250.000	228.762	8.5	105	0.00
24 P	1,1-Dichloroethane	50.000	45.599	8.8	100	0.00
25 T	2-Butanone	250.000	212.460	15.0	95	0.00
26 T	2,2-Dichloropropane	50.000	45.060	9.9	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.463	7.1	101	0.00
28 T	Bromochloromethane	50.000	49.816	0.4	110	0.00
29 T	Tetrahydrofuran	250.000	208.068	16.8	91	0.00
30 C	Chloroform	50.000	46.818	6.4#	102	0.00
31 T	Cyclohexane	50.000	42.992	14.0	97	0.00
32 T	1,1,1-Trichloroethane	50.000	46.222	7.6	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.480	7.0	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35 S	Dibromofluoromethane	50.000	49.289	1.4	102	0.00
36 T	1,1-Dichloropropene	50.000	46.940	6.1	99	0.00
37 T	Ethyl Acetate	50.000	42.745	14.5	94	0.00
38 T	Carbon Tetrachloride	50.000	47.678	4.6	102	0.00
39 T	Methylcyclohexane	50.000	48.076	3.8	102	0.00
40 TM	Benzene	50.000	46.752	6.5	101	0.00
41 T	Methacrylonitrile	50.000	45.682	8.6	99	0.00
42 TM	1,2-Dichloroethane	50.000	46.251	7.5	99	0.00
43 T	Isopropyl Acetate	50.000	43.745	12.5	93	0.00
44 TM	Trichloroethene	50.000	49.362	1.3	102	0.00
45 C	1,2-Dichloropropane	50.000	47.746	4.5#	101	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	47.483	5.0	100	0.00
47 T	Bromodichloromethane	50.000	48.295	3.4	102	0.00
48 T	Methyl methacrylate	50.000	44.346	11.3	94	0.00
49 T	1,4-Dioxane	1000.000	935.578	6.4	93	0.00
50 S	Toluene-d8	50.000	48.952	2.1	102	0.00
51 T	4-Methyl-2-Pentanone	250.000	218.115	12.8	92	0.00
52 CM	Toluene	50.000	47.978	4.0#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	47.707	4.6	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.288	3.4	99	0.00
55 T	1,1,2-Trichloroethane	50.000	47.334	5.3	102	0.00
56 T	Ethyl methacrylate	50.000	46.301	7.4	97	0.00
57 T	1,3-Dichloropropane	50.000	48.342	3.3	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	160.754	35.7#	61	0.00
59 T	2-Hexanone	250.000	222.614	11.0	90	0.00
60 T	Dibromochloromethane	50.000	48.655	2.7	101	0.00
61 T	1,2-Dibromoethane	50.000	47.734	4.5	99	0.00
62 S	4-Bromofluorobenzene	50.000	48.791	2.4	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64 T	Tetrachloroethene	50.000	44.219	11.6	87	0.00
65 PM	Chlorobenzene	50.000	47.725	4.5	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.059	3.9	103	0.00
67 C	Ethyl Benzene	50.000	47.563	4.9#	102	0.00
68 T	m/p-Xylenes	100.000	96.559	3.4	102	0.00
69 T	o-Xylene	50.000	47.129	5.7	101	0.00
70 T	Styrene	50.000	47.955	4.1	100	0.00
71 P	Bromoform	50.000	49.412	1.2	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	46.432	7.1	102	0.00
74 T	N-amyl acetate	50.000	43.099	13.8	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.583	10.8	98	0.00
76 T	1,2,3-Trichloropropane	50.000	50.343	-0.7	107	0.00
77 T	Bromobenzene	50.000	47.225	5.5	103	0.00
78 T	n-propylbenzene	50.000	46.974	6.1	102	0.00
79 T	2-Chlorotoluene	50.000	45.406	9.2	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.414	7.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.811	10.4	96	0.00
82 T	4-Chlorotoluene	50.000	46.760	6.5	101	0.00
83 T	tert-Butylbenzene	50.000	46.256	7.5	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.088	5.8	103	0.00
85 T	sec-Butylbenzene	50.000	47.153	5.7	102	0.00
86 T	p-Isopropyltoluene	50.000	47.122	5.8	103	0.00
87 T	1,3-Dichlorobenzene	50.000	48.164	3.7	104	0.00
88 T	1,4-Dichlorobenzene	50.000	47.851	4.3	104	0.00
89 T	n-Butylbenzene	50.000	48.357	3.3	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.974	6.1	102	0.00
91 T	1,2-Dichlorobenzene	50.000	47.236	5.5	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.871	10.3	97	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.542	0.9	100	0.00
94 T	Hexachlorobutadiene	50.000	48.121	3.8	105	0.00
95 T	Naphthalene	50.000	45.976	8.0	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.039	3.9	100	0.00

(#) = Out of Range

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