

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN110119\  
 Data File : VN059071.D  
 Acq On : 1 Nov 2019 18:32  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleId :  
 VSTDCCC050

Quant Time: Nov 04 12:09:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 02 05:43:23 2019  
 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	48.683	2.6	91	0.00
3 P	Chloromethane	50.000	46.596	6.8	89	0.00
4 C	Vinyl Chloride	50.000	47.699	4.6#	90	0.00
5 T	Bromomethane	50.000	45.265	9.5	87	0.00
6 T	Chloroethane	50.000	45.576	8.8	90	0.00
7 T	Trichlorofluoromethane	50.000	48.602	2.8	91	0.00
8 T	Diethyl Ether	50.000	48.093	3.8	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.339	3.3	90	0.00
10 T	Methyl Iodide	50.000	49.900	0.2	90	0.00
11 T	Tert butyl alcohol	250.000	250.367	-0.1	93	0.00
12 CM	1,1-Dichloroethene	50.000	46.835	6.3#	88	0.00
13 T	Acrolein	250.000	249.431	0.2	88	0.00
14 T	Allyl chloride	50.000	48.833	2.3	90	0.00
15 T	Acrylonitrile	250.000	251.694	-0.7	91	0.00
16 T	Acetone	250.000	220.495	11.8	79	0.00
17 T	Carbon Disulfide	50.000	45.595	8.8	87	0.00
18 T	Methyl Acetate	50.000	45.963	8.1	91	0.00
19 T	Methyl tert-butyl Ether	50.000	49.276	1.4	90	0.00
20 T	Methylene Chloride	50.000	46.880	6.2	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.674	2.7	91	0.00
22 T	Diisopropyl ether	50.000	50.520	-1.0	90	0.00
23 T	Vinyl Acetate	250.000	266.138	-6.5	90	0.00
24 P	1,1-Dichloroethane	50.000	48.268	3.5	91	0.00
25 T	2-Butanone	250.000	248.237	0.7	88	0.00
26 T	2,2-Dichloropropane	50.000	45.702	8.6	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.833	2.3	89	0.00
28 T	Bromochloromethane	50.000	46.983	6.0	88	0.00
29 T	Tetrahydrofuran	250.000	255.288	-2.1	92	0.00
30 C	Chloroform	50.000	47.939	4.1#	90	0.00
31 T	Cyclohexane	50.000	47.329	5.3	90	0.00
32 T	1,1,1-Trichloroethane	50.000	48.814	2.4	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.979	6.0	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	47.600	4.8	84	0.00
36 T	1,1-Dichloropropene	50.000	49.114	1.8	90	0.00
37 T	Ethyl Acetate	50.000	50.262	-0.5	90	0.00
38 T	Carbon Tetrachloride	50.000	49.289	1.4	90	0.00
39 T	Methylcyclohexane	50.000	50.696	-1.4	88	0.00
40 TM	Benzene	50.000	49.337	1.3	90	0.00
41 T	Methacrylonitrile	50.000	54.363	-8.7	93	0.00
42 TM	1,2-Dichloroethane	50.000	49.192	1.6	91	0.00
43 T	Isopropyl Acetate	50.000	50.638	-1.3	90	0.00
44 TM	Trichloroethene	50.000	48.394	3.2	89	0.00
45 C	1,2-Dichloropropane	50.000	49.656	0.7#	90	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	49.251	1.5	91	0.00
47 T	Bromodichloromethane	50.000	49.608	0.8	90	0.00
48 T	Methyl methacrylate	50.000	50.499	-1.0	89	0.00
49 T	1,4-Dioxane	1000.000	1109.718	-11.0	89	0.00
50 S	Toluene-d8	50.000	48.542	2.9	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.328	-9.3	91	0.00
52 CM	Toluene	50.000	51.312	-2.6#	90	0.00
53 T	t-1,3-Dichloropropene	50.000	49.303	1.4	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.775	-1.5	89	0.00
55 T	1,1,2-Trichloroethane	50.000	48.904	2.2	90	0.00
56 T	Ethyl methacrylate	50.000	47.542	4.9	89	0.00
57 T	1,3-Dichloropropane	50.000	49.979	0.0	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	249.321	0.3	101	0.00
59 T	2-Hexanone	250.000	271.940	-8.8	89	0.00
60 T	Dibromochloromethane	50.000	49.912	0.2	89	0.00
61 T	1,2-Dibromoethane	50.000	50.536	-1.1	90	0.00
62 S	4-Bromofluorobenzene	50.000	49.137	1.7	83	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64 T	Tetrachloroethene	50.000	48.742	2.5	91	0.00
65 PM	Chlorobenzene	50.000	48.572	2.9	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.173	1.7	89	0.00
67 C	Ethyl Benzene	50.000	51.938	-3.9#	89	0.00
68 T	m/p-Xylenes	100.000	103.310	-3.3	90	0.00
69 T	o-Xylene	50.000	51.326	-2.7	89	0.00
70 T	Styrene	50.000	53.271	-6.5	89	0.00
71 P	Bromoform	50.000	50.974	-1.9	89	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	50.048	-0.1	90	0.00
74 T	N-amyl acetate	50.000	51.394	-2.8	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.187	7.6	89	0.00
76 T	1,2,3-Trichloropropane	50.000	48.425	3.2	91	0.00
77 T	Bromobenzene	50.000	47.732	4.5	90	0.00
78 T	n-propylbenzene	50.000	50.869	-1.7	89	0.00
79 T	2-Chlorotoluene	50.000	48.383	3.2	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.393	-0.8	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.416	3.2	87	0.00
82 T	4-Chlorotoluene	50.000	48.972	2.1	89	0.00
83 T	tert-Butylbenzene	50.000	50.476	-1.0	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.632	-3.3	89	0.00
85 T	sec-Butylbenzene	50.000	51.322	-2.6	90	0.00
86 T	p-Isopropyltoluene	50.000	51.348	-2.7	89	0.00
87 T	1,3-Dichlorobenzene	50.000	48.276	3.4	90	0.00
88 T	1,4-Dichlorobenzene	50.000	47.873	4.3	89	0.00
89 T	n-Butylbenzene	50.000	51.813	-3.6	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.337	5.3	89	0.00
91 T	1,2-Dichlorobenzene	50.000	47.906	4.2	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.056	9.9	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.349	-2.7	91	0.00
94 T	Hexachlorobutadiene	50.000	47.082	5.8	89	0.00
95 T	Naphthalene	50.000	46.194	7.6	91	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.467	1.1	92	0.00

(#) = Out of Range

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