

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110119\  
 Data File : VX013317.D  
 Acq On : 01 Nov 2019 17:29  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Nov 04 02:25:45 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X103119W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 02 07:06:38 2019  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	104	0.00
2 T	Dichlorodifluoromethane	50.000	49.653	0.7	99	0.00
3 P	Chloromethane	50.000	49.228	1.5	99	0.00
4 C	Vinyl Chloride	50.000	50.334	-0.7#	99	0.00
5 T	Bromomethane	50.000	42.744	14.5	89	0.00
6 T	Chloroethane	50.000	47.665	4.7	97	0.00
7 T	Trichlorofluoromethane	50.000	45.892	8.2	97	0.00
8 T	Diethyl Ether	50.000	48.247	3.5	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.119	3.8	101	0.00
10 T	Methyl Iodide	50.000	43.279	13.4	86	0.00
11 T	Tert butyl alcohol	250.000	213.506	14.6	95	0.00
12 CM	1,1-Dichloroethene	50.000	49.180	1.6#	100	0.00
13 T	Acrolein	250.000	220.075	12.0	88	0.00
14 T	Allyl chloride	50.000	49.723	0.6	102	0.00
15 T	Acrylonitrile	250.000	249.272	0.3	98	0.00
16 T	Acetone	250.000	242.910	2.8	98	0.00
17 T	Carbon Disulfide	50.000	49.055	1.9	99	0.00
18 T	Methyl Acetate	50.000	49.116	1.8	98	0.00
19 T	Methyl tert-butyl Ether	50.000	50.206	-0.4	100	0.00
20 T	Methylene Chloride	50.000	47.527	4.9	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.861	2.3	101	0.00
22 T	Diisopropyl ether	50.000	51.038	-2.1	101	0.00
23 T	Vinyl Acetate	250.000	252.484	-1.0	100	0.00
24 P	1,1-Dichloroethane	50.000	49.275	1.5	101	0.00
25 T	2-Butanone	250.000	248.721	0.5	98	0.00
26 T	2,2-Dichloropropane	50.000	50.009	-0.0	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.555	-1.1	102	0.00
28 T	Bromochloromethane	50.000	51.971	-3.9	106	0.00
29 T	Tetrahydrofuran	250.000	248.319	0.7	95	0.00
30 C	Chloroform	50.000	49.475	1.0#	101	0.00
31 T	Cyclohexane	50.000	48.137	3.7	100	0.00
32 T	1,1,1-Trichloroethane	50.000	48.740	2.5	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.647	6.7	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	47.074	5.9	98	0.00
36 T	1,1-Dichloropropene	50.000	49.858	0.3	99	0.00
37 T	Ethyl Acetate	50.000	49.142	1.7	98	0.00
38 T	Carbon Tetrachloride	50.000	49.867	0.3	98	0.00
39 T	Methylcyclohexane	50.000	49.072	1.9	101	0.00
40 TM	Benzene	50.000	49.611	0.8	102	0.00
41 T	Methacrylonitrile	50.000	49.360	1.3	99	0.00
42 TM	1,2-Dichloroethane	50.000	49.112	1.8	98	0.00
43 T	Isopropyl Acetate	50.000	50.648	-1.3	99	0.00
44 TM	Trichloroethene	50.000	48.406	3.2	101	0.00
45 C	1,2-Dichloropropane	50.000	49.950	0.1#	101	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.580	2.8	99	0.00
47 T	Bromodichloromethane	50.000	51.273	-2.5	101	0.00
48 T	Methyl methacrylate	50.000	51.433	-2.9	98	0.00
49 T	1,4-Dioxane	1000.000	962.169	3.8	96	0.00
50 S	Toluene-d8	50.000	47.669	4.7	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	250.224	-0.1	98	0.00
52 CM	Toluene	50.000	50.355	-0.7#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	51.797	-3.6	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.493	-3.0	102	0.00
55 T	1,1,2-Trichloroethane	50.000	50.767	-1.5	102	0.00
56 T	Ethyl methacrylate	50.000	47.871	4.3	102	0.00
57 T	1,3-Dichloropropane	50.000	49.950	0.1	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	256.227	-2.5	98	0.00
59 T	2-Hexanone	250.000	252.240	-0.9	97	0.00
60 T	Dibromochloromethane	50.000	52.598	-5.2	102	0.00
61 T	1,2-Dibromoethane	50.000	49.975	0.0	100	0.00
62 S	4-Bromofluorobenzene	50.000	47.463	5.1	99	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	48.497	3.0	100	0.00
65 PM	Chlorobenzene	50.000	48.963	2.1	101	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.973	0.1	100	0.00
67 C	Ethyl Benzene	50.000	50.179	-0.4#	100	0.00
68 T	m/p-Xylenes	100.000	101.617	-1.6	100	0.00
69 T	o-Xylene	50.000	50.602	-1.2	102	0.00
70 T	Styrene	50.000	52.169	-4.3	101	0.00
71 P	Bromoform	50.000	45.833	8.3	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	50.831	-1.7	101	0.00
74 T	N-amyl acetate	50.000	52.196	-4.4	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.268	1.5	99	0.00
76 T	1,2,3-Trichloropropane	50.000	47.818	4.4	101	0.00
77 T	Bromobenzene	50.000	50.616	-1.2	102	0.00
78 T	n-propylbenzene	50.000	52.213	-4.4	101	0.00
79 T	2-Chlorotoluene	50.000	50.923	-1.8	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.580	-3.2	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.532	-1.1	98	0.00
82 T	4-Chlorotoluene	50.000	50.232	-0.5	100	0.00
83 T	tert-Butylbenzene	50.000	51.818	-3.6	100	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.141	-2.3	99	0.00
85 T	sec-Butylbenzene	50.000	51.364	-2.7	101	0.00
86 T	p-Isopropyltoluene	50.000	51.812	-3.6	100	0.00
87 T	1,3-Dichlorobenzene	50.000	49.969	0.1	100	0.00
88 T	1,4-Dichlorobenzene	50.000	49.359	1.3	101	0.00
89 T	n-Butylbenzene	50.000	51.710	-3.4	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.935	-1.9	100	0.00
91 T	1,2-Dichlorobenzene	50.000	50.952	-1.9	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.211	7.6	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.956	-1.9	101	0.00
94 T	Hexachlorobutadiene	50.000	49.092	1.8	100	0.00
95 T	Naphthalene	50.000	52.786	-5.6	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.936	-1.9	100	0.00

(#) = Out of Range

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