

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX021820\  
 Data File : VX014947.D  
 Acq On : 18 Feb 2020 09:54  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Feb 19 00:20:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 10 12:09:20 2020  
 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	49.729	0.5	92	0.00
3 P	Chloromethane	50.000	47.135	5.7	93	0.00
4 C	Vinyl Chloride	50.000	46.810	6.4#	90	0.00
5 T	Bromomethane	50.000	46.307	7.4	98	0.00
6 T	Chloroethane	50.000	46.167	7.7	90	0.00
7 T	Trichlorofluoromethane	50.000	47.420	5.2	94	0.00
8 T	Diethyl Ether	50.000	47.334	5.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.827	4.3	96	0.00
10 T	Methyl Iodide	50.000	50.098	-0.2	101	0.00
11 T	Tert butyl alcohol	250.000	244.260	2.3	97	0.00
12 CM	1,1-Dichloroethene	50.000	47.893	4.2#	93	0.00
13 T	Acrolein	250.000	236.950	5.2	95	0.00
14 T	Allyl chloride	50.000	46.671	6.7	93	0.00
15 T	Acrylonitrile	250.000	238.449	4.6	92	0.00
16 T	Acetone	250.000	279.975	-12.0	106	0.00
17 T	Carbon Disulfide	50.000	44.420	11.2	87	0.00
18 T	Methyl Acetate	50.000	48.827	2.3	95	0.00
19 T	Methyl tert-butyl Ether	50.000	48.275	3.5	94	0.00
20 T	Methylene Chloride	50.000	44.857	10.3	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.212	9.6	90	0.00
22 T	Diisopropyl ether	50.000	48.996	2.0	94	0.00
23 T	Vinyl Acetate	250.000	254.738	-1.9	96	0.00
24 P	1,1-Dichloroethane	50.000	47.879	4.2	95	0.00
25 T	2-Butanone	250.000	259.095	-3.6	99	0.00
26 T	2,2-Dichloropropane	50.000	47.818	4.4	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.649	6.7	92	0.00
28 T	Bromochloromethane	50.000	49.187	1.6	98	-0.01
29 T	Tetrahydrofuran	250.000	245.083	2.0	92	0.00
30 C	Chloroform	50.000	47.913	4.2#	94	-0.01
31 T	Cyclohexane	50.000	47.585	4.8	94	0.00
32 T	1,1,1-Trichloroethane	50.000	47.632	4.7	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.875	8.3	97	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	48.108	3.8	99	0.00
36 T	1,1-Dichloropropene	50.000	48.661	2.7	92	0.00
37 T	Ethyl Acetate	50.000	48.744	2.5	92	0.00
38 T	Carbon Tetrachloride	50.000	49.850	0.3	93	0.00
39 T	Methylcyclohexane	50.000	49.063	1.9	94	0.00
40 TM	Benzene	50.000	48.932	2.1	94	0.00
41 T	Methacrylonitrile	50.000	51.231	-2.5	93	-0.01
42 TM	1,2-Dichloroethane	50.000	47.984	4.0	92	0.00
43 T	Isopropyl Acetate	50.000	49.646	0.7	93	0.00
44 TM	Trichloroethene	50.000	47.383	5.2	92	0.00
45 C	1,2-Dichloropropane	50.000	49.484	1.0#	95	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	47.793	4.4	92	0.00
47 T	Bromodichloromethane	50.000	49.287	1.4	94	0.00
48 T	Methyl methacrylate	50.000	50.585	-1.2	93	0.00
49 T	1,4-Dioxane	1000.000	1046.998	-4.7	101	0.00
50 S	Toluene-d8	50.000	47.639	4.7	97	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.208	-0.5	93	0.00
52 CM	Toluene	50.000	48.973	2.1#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	50.111	-0.2	93	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.817	0.4	93	0.00
55 T	1,1,2-Trichloroethane	50.000	48.787	2.4	93	0.00
56 T	Ethyl methacrylate	50.000	51.107	-2.2	94	0.00
57 T	1,3-Dichloropropane	50.000	48.536	2.9	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.745	-0.3	96	0.00
59 T	2-Hexanone	250.000	263.271	-5.3	96	0.00
60 T	Dibromochloromethane	50.000	50.468	-0.9	93	0.00
61 T	1,2-Dibromoethane	50.000	48.251	3.5	93	0.00
62 S	4-Bromofluorobenzene	50.000	47.713	4.6	96	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	45.287	9.4	86	0.00
65 PM	Chlorobenzene	50.000	48.901	2.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.616	-1.2	95	0.00
67 C	Ethyl Benzene	50.000	50.189	-0.4#	93	0.00
68 T	m/p-Xylenes	100.000	99.818	0.2	93	0.00
69 T	o-Xylene	50.000	50.093	-0.2	93	0.00
70 T	Styrene	50.000	51.270	-2.5	93	0.00
71 P	Bromoform	50.000	51.536	-3.1	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	51.746	-3.5	93	0.00
74 T	N-amyl acetate	50.000	53.151	-6.3	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.422	1.2	94	0.00
76 T	1,2,3-Trichloropropane	50.000	48.146	3.7	95	0.00
77 T	Bromobenzene	50.000	49.169	1.7	93	0.00
78 T	n-propylbenzene	50.000	51.677	-3.4	94	0.00
79 T	2-Chlorotoluene	50.000	50.720	-1.4	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.121	-4.2	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.861	-1.7	91	0.00
82 T	4-Chlorotoluene	50.000	50.061	-0.1	92	0.00
83 T	tert-Butylbenzene	50.000	53.073	-6.1	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.441	-4.9	94	0.00
85 T	sec-Butylbenzene	50.000	51.618	-3.2	94	0.00
86 T	p-Isopropyltoluene	50.000	52.198	-4.4	94	0.00
87 T	1,3-Dichlorobenzene	50.000	48.568	2.9	91	0.00
88 T	1,4-Dichlorobenzene	50.000	48.146	3.7	92	0.00
89 T	n-Butylbenzene	50.000	50.457	-0.9	91	0.00

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90 T	Hexachloroethane	50.000	53.405	-6.8	97	0.00
91 T	1,2-Dichlorobenzene	50.000	49.906	0.2	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.250	5.5	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.131	3.7	90	0.00
94 T	Hexachlorobutadiene	50.000	49.610	0.8	92	0.00
95 T	Naphthalene	50.000	52.513	-5.0	91	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.040	-0.1	91	0.00

(#) = Out of Range

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