

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX050819\  
 Data File : VX009390.D  
 Acq On : 08 May 2019 11:35  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: May 09 06:37:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 03:31:13 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	49.410	1.2	89	0.00
3 P	Chloromethane	50.000	50.621	-1.2	93	0.00
4 C	Vinyl Chloride	50.000	52.397	-4.8#	94	0.00
5 T	Bromomethane	50.000	47.601	4.8	90	0.00
6 T	Chloroethane	50.000	52.374	-4.7	96	0.00
7 T	Trichlorofluoromethane	50.000	54.024	-8.0	98	0.00
8 T	Diethyl Ether	50.000	52.044	-4.1	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.754	-7.5	97	0.00
10 T	Methyl Iodide	50.000	39.795	20.4#	73	0.00
11 T	Tert butyl alcohol	250.000	264.327	-5.7	96	0.00
12 CM	1,1-Dichloroethene	50.000	53.291	-6.6#	95	0.00
13 T	Acrolein	250.000	233.679	6.5	86	0.00
14 T	Allyl chloride	50.000	51.428	-2.9	94	0.00
15 T	Acrylonitrile	250.000	255.088	-2.0	95	0.00
16 T	Acetone	250.000	279.818	-11.9	104	0.00
17 T	Carbon Disulfide	50.000	56.714	-13.4	100	0.00
18 T	Methyl Acetate	50.000	46.935	6.1	88	0.00
19 T	Methyl tert-butyl Ether	50.000	51.743	-3.5	94	0.00
20 T	Methylene Chloride	50.000	50.411	-0.8	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.011	-8.0	97	0.00
22 T	Diisopropyl ether	50.000	51.478	-3.0	93	0.00
23 T	Vinyl Acetate	250.000	272.513	-9.0	95	0.00
24 P	1,1-Dichloroethane	50.000	51.018	-2.0	94	0.00
25 T	2-Butanone	250.000	268.712	-7.5	97	0.00
26 T	2,2-Dichloropropane	50.000	53.231	-6.5	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.720	-3.4	95	0.00
28 T	Bromochloromethane	50.000	40.113	19.8	64	0.00
29 T	Tetrahydrofuran	250.000	262.330	-4.9	94	0.00
30 C	Chloroform	50.000	51.801	-3.6#	95	0.00
31 T	Cyclohexane	50.000	55.280	-10.6	98	0.00
32 T	1,1,1-Trichloroethane	50.000	52.428	-4.9	95	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.279	11.4	78	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	46.841	6.3	79	0.00
36 T	1,1-Dichloropropene	50.000	55.641	-11.3	97	0.00
37 T	Ethyl Acetate	50.000	55.466	-10.9	96	0.00
38 T	Carbon Tetrachloride	50.000	55.843	-11.7	97	0.00
39 T	Methylcyclohexane	50.000	59.273	-18.5	102	0.00
40 TM	Benzene	50.000	54.569	-9.1	95	0.00
41 T	Methacrylonitrile	50.000	51.094	-2.2	91	0.00
42 TM	1,2-Dichloroethane	50.000	53.738	-7.5	95	0.00
43 T	Isopropyl Acetate	50.000	54.776	-9.6	95	0.00
44 TM	Trichloroethene	50.000	54.626	-9.3	96	0.00
45 C	1,2-Dichloropropane	50.000	54.490	-9.0#	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	53.763	-7.5	95	0.00
47 T	Bromodichloromethane	50.000	54.872	-9.7	95	0.00
48 T	Methyl methacrylate	50.000	55.728	-11.5	96	0.00
49 T	1,4-Dioxane	1000.000	1069.094	-6.9	95	0.00
50 S	Toluene-d8	50.000	47.103	5.8	78	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.052	-9.2	94	0.00
52 CM	Toluene	50.000	54.793	-9.6#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	57.330	-14.7	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.589	-13.2	95	0.00
55 T	1,1,2-Trichloroethane	50.000	53.592	-7.2	93	0.00
56 T	Ethyl methacrylate	50.000	55.289	-10.6	94	0.00
57 T	1,3-Dichloropropane	50.000	53.544	-7.1	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	270.239	-8.1	89	0.00
59 T	2-Hexanone	250.000	282.379	-13.0	96	0.00
60 T	Dibromochloromethane	50.000	56.352	-12.7	95	0.00
61 T	1,2-Dibromoethane	50.000	54.675	-9.3	94	0.00
62 S	4-Bromofluorobenzene	50.000	48.127	3.7	80	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	54.922	-9.8	97	0.00
65 PM	Chlorobenzene	50.000	54.475	-9.0	95	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.991	-8.0	94	0.00
67 C	Ethyl Benzene	50.000	55.309	-10.6#	96	0.00
68 T	m/p-Xylenes	100.000	111.816	-11.8	96	0.00
69 T	o-Xylene	50.000	55.203	-10.4	97	0.00
70 T	Styrene	50.000	56.200	-12.4	96	0.00
71 P	Bromoform	50.000	56.374	-12.7	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73 T	Isopropylbenzene	50.000	52.655	-5.3	97	0.00
74 T	N-amyl acetate	50.000	52.991	-6.0	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.650	-1.3	94	0.00
76 T	1,2,3-Trichloropropane	50.000	51.256	-2.5	95	0.00
77 T	Bromobenzene	50.000	51.808	-3.6	97	0.00
78 T	n-propylbenzene	50.000	53.633	-7.3	98	0.00
79 T	2-Chlorotoluene	50.000	51.403	-2.8	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.443	-6.9	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.693	-7.4	95	0.00
82 T	4-Chlorotoluene	50.000	52.513	-5.0	98	0.00
83 T	tert-Butylbenzene	50.000	52.264	-4.5	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.385	-6.8	98	0.00
85 T	sec-Butylbenzene	50.000	53.180	-6.4	98	0.00
86 T	p-Isopropyltoluene	50.000	54.445	-8.9	99	0.00
87 T	1,3-Dichlorobenzene	50.000	52.917	-5.8	98	0.00
88 T	1,4-Dichlorobenzene	50.000	52.723	-5.4	98	0.00
89 T	n-Butylbenzene	50.000	56.781	-13.6	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.297	-6.6	96	0.00
91 T	1,2-Dichlorobenzene	50.000	51.918	-3.8	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.748	-5.5	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.197	-12.4	101	0.00
94 T	Hexachlorobutadiene	50.000	55.575	-11.2	102	0.00
95 T	Naphthalene	50.000	53.925	-7.8	96	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.801	-9.6	99	0.00

(#) = Out of Range

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