

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX081919\
 Data File : VX011645.D
 Acq On : 19 Aug 2019 20:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 20 12:00:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	62.220	-24.4#	87	0.00
3 P	Chloromethane	50.000	49.843	0.3	81	0.00
4 C	Vinyl Chloride	50.000	56.039	-12.1#	86	0.00
5 T	Bromomethane	50.000	62.282	-24.6#	98	0.00
6 T	Chloroethane	50.000	60.035	-20.1#	90	0.00
7 T	Trichlorofluoromethane	50.000	59.931	-19.9	93	0.00
8 T	Diethyl Ether	50.000	57.904	-15.8	90	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	55.963	-11.9	88	0.00
10 T	Methyl Iodide	50.000	54.581	-9.2	81	0.00
11 T	Tert butyl alcohol	250.000	285.514	-14.2	88	0.00
12 CM	1,1-Dichloroethene	50.000	55.279	-10.6#	88	0.00
13 T	Acrolein	250.000	294.453	-17.8	99	0.00
14 T	Allyl chloride	50.000	57.714	-15.4	88	0.00
15 T	Acrylonitrile	250.000	293.651	-17.5	89	0.00
16 T	Acetone	250.000	275.674	-10.3	86	0.00
17 T	Carbon Disulfide	50.000	55.150	-10.3	86	0.00
18 T	Methyl Acetate	50.000	60.241	-20.5#	90	0.00
19 T	Methyl tert-butyl Ether	50.000	60.609	-21.2#	92	0.00
20 T	Methylene Chloride	50.000	55.417	-10.8	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	56.948	-13.9	89	0.00
22 T	Diisopropyl ether	50.000	59.291	-18.6	90	0.00
23 T	Vinyl Acetate	250.000	299.853	-19.9	89	0.00
24 P	1,1-Dichloroethane	50.000	57.914	-15.8	91	0.00
25 T	2-Butanone	250.000	289.768	-15.9	88	0.00
26 T	2,2-Dichloropropane	50.000	55.224	-10.4	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.569	-15.1	90	0.00
28 T	Bromochloromethane	50.000	58.075	-16.2	89	0.00
29 T	Tetrahydrofuran	250.000	285.564	-14.2	86	0.00
30 C	Chloroform	50.000	57.743	-15.5#	90	0.00
31 T	Cyclohexane	50.000	55.985	-12.0	85	0.00
32 T	1,1,1-Trichloroethane	50.000	60.196	-20.4#	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.316	-4.6	87	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35 S	Dibromofluoromethane	50.000	49.080	1.8	82	0.00
36 T	1,1-Dichloropropene	50.000	58.135	-16.3	89	0.00
37 T	Ethyl Acetate	50.000	59.186	-18.4	89	0.00
38 T	Carbon Tetrachloride	50.000	60.042	-20.1#	91	0.00
39 T	Methylcyclohexane	50.000	55.689	-11.4	85	0.00
40 TM	Benzene	50.000	56.794	-13.6	88	0.00
41 T	Methacrylonitrile	50.000	60.348	-20.7#	89	0.00
42 TM	1,2-Dichloroethane	50.000	61.615	-23.2#	93	0.00
43 T	Isopropyl Acetate	50.000	59.549	-19.1	91	0.00
44 TM	Trichloroethene	50.000	55.261	-10.5	85	0.00
45 C	1,2-Dichloropropane	50.000	58.286	-16.6#	87	0.00

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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)
46 T	Dibromomethane	50.000	57.743	-15.5	91	0.00
47 T	Bromodichloromethane	50.000	59.316	-18.6	89	0.00
48 T	Methyl methacrylate	50.000	60.304	-20.6#	89	0.00
49 T	1,4-Dioxane	1000.000	1105.832	-10.6	85	0.00
50 S	Toluene-d8	50.000	51.663	-3.3	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	299.196	-19.7	88	0.00
52 CM	Toluene	50.000	59.154	-18.3#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	62.036	-24.1#	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	62.132	-24.3#	89	0.00
55 T	1,1,2-Trichloroethane	50.000	59.215	-18.4	92	0.00
56 T	Ethyl methacrylate	50.000	62.041	-24.1#	90	0.00
57 T	1,3-Dichloropropane	50.000	58.981	-18.0	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	298.630	-19.5	88	0.00
59 T	2-Hexanone	250.000	298.017	-19.2	87	0.00
60 T	Dibromochloromethane	50.000	63.637	-27.3#	90	0.00
61 T	1,2-Dibromoethane	50.000	59.347	-18.7	90	0.00
62 S	4-Bromofluorobenzene	50.000	51.498	-3.0	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	55.068	-10.1	94	0.00
65 PM	Chlorobenzene	50.000	53.031	-6.1	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.196	-12.4	92	0.00
67 C	Ethyl Benzene	50.000	54.649	-9.3#	91	0.00
68 T	m/p-Xylenes	100.000	111.267	-11.3	91	0.00
69 T	o-Xylene	50.000	55.061	-10.1	92	0.00
70 T	Styrene	50.000	55.991	-12.0	90	0.00
71 P	Bromoform	50.000	49.864	0.3	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73 T	Isopropylbenzene	50.000	57.016	-14.0	92	0.00
74 T	N-amyl acetate	50.000	55.062	-10.1	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.526	-9.1	89	0.00
76 T	1,2,3-Trichloropropane	50.000	55.263	-10.5	88	0.00
77 T	Bromobenzene	50.000	55.940	-11.9	91	0.00
78 T	n-propylbenzene	50.000	57.644	-15.3	90	0.00
79 T	2-Chlorotoluene	50.000	56.834	-13.7	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.329	-14.7	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.097	-2.2	87	0.00
82 T	4-Chlorotoluene	50.000	56.261	-12.5	90	0.00
83 T	tert-Butylbenzene	50.000	55.652	-11.3	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	57.716	-15.4	90	0.00
85 T	sec-Butylbenzene	50.000	56.877	-13.8	90	0.00
86 T	p-Isopropyltoluene	50.000	56.415	-12.8	87	0.00
87 T	1,3-Dichlorobenzene	50.000	53.930	-7.9	87	0.00
88 T	1,4-Dichlorobenzene	50.000	53.740	-7.5	88	0.00
89 T	n-Butylbenzene	50.000	55.721	-11.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	57.818	-15.6	91	0.00
91 T	1,2-Dichlorobenzene	50.000	51.443	-2.9	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.991	-10.0	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	58.151	-16.3	92	0.00
94 T	Hexachlorobutadiene	50.000	55.045	-10.1	88	0.00
95 T	Naphthalene	50.000	60.299	-20.6#	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	58.748	-17.5	92	0.00

(#) = Out of Range

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