

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\ VX101119\
 Data File : VX013010.D
 Acq On : 11 Oct 2019 12:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 11 23:36:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 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	89	0.00
2 T	Dichlorodifluoromethane	50.000	48.693	2.6	80	0.00
3 P	Chloromethane	50.000	48.646	2.7	84	0.00
4 C	Vinyl Chloride	50.000	46.284	7.4#	80	0.00
5 T	Bromomethane	50.000	48.053	3.9	91	0.00
6 T	Chloroethane	50.000	48.763	2.5	85	0.00
7 T	Trichlorofluoromethane	50.000	51.377	-2.8	88	0.00
8 T	Diethyl Ether	50.000	50.318	-0.6	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.603	-3.2	89	0.00
10 T	Methyl Iodide	50.000	49.929	0.1	91	0.00
11 T	Tert butyl alcohol	250.000	201.617	19.4	73	0.00
12 CM	1,1-Dichloroethene	50.000	49.264	1.5#	84	0.00
13 T	Acrolein	250.000	254.446	-1.8	88	0.00
14 T	Allyl chloride	50.000	48.646	2.7	82	0.00
15 T	Acrylonitrile	250.000	248.511	0.6	83	0.00
16 T	Acetone	250.000	221.551	11.4	75	0.00
17 T	Carbon Disulfide	50.000	44.121	11.8	79	0.00
18 T	Methyl Acetate	50.000	49.324	1.4	86	0.00
19 T	Methyl tert-butyl Ether	50.000	52.755	-5.5	89	0.00
20 T	Methylene Chloride	50.000	48.382	3.2	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.048	1.9	85	0.00
22 T	Diisopropyl ether	50.000	51.794	-3.6	87	-0.01
23 T	Vinyl Acetate	250.000	260.386	-4.2	85	0.00
24 P	1,1-Dichloroethane	50.000	50.708	-1.4	86	0.00
25 T	2-Butanone	250.000	236.350	5.5	79	0.00
26 T	2,2-Dichloropropane	50.000	49.633	0.7	83	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.740	-1.5	87	0.00
28 T	Bromochloromethane	50.000	54.000	-8.0	89	0.00
29 T	Tetrahydrofuran	250.000	242.479	3.0	80	-0.01
30 C	Chloroform	50.000	50.400	-0.8#	88	0.00
31 T	Cyclohexane	50.000	49.736	0.5	86	0.00
32 T	1,1,1-Trichloroethane	50.000	51.221	-2.4	85	-0.01
33 S	1,2-Dichloroethane-d4	50.000	48.492	3.0	84	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	49.554	0.9	84	0.00
36 T	1,1-Dichloropropene	50.000	51.388	-2.8	86	0.00
37 T	Ethyl Acetate	50.000	49.232	1.5	81	0.00
38 T	Carbon Tetrachloride	50.000	51.345	-2.7	84	0.00
39 T	Methylcyclohexane	50.000	53.242	-6.5	87	0.00
40 TM	Benzene	50.000	52.051	-4.1	86	0.00
41 T	Methacrylonitrile	50.000	49.794	0.4	84	0.00
42 TM	1,2-Dichloroethane	50.000	52.343	-4.7	87	0.00
43 T	Isopropyl Acetate	50.000	51.628	-3.3	84	0.00
44 TM	Trichloroethene	50.000	49.044	1.9	86	0.00
45 C	1,2-Dichloropropane	50.000	52.420	-4.8#	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	52.812	-5.6	87	0.00
47 T	Bromodichloromethane	50.000	53.930	-7.9	87	0.00
48 T	Methyl methacrylate	50.000	51.753	-3.5	84	0.00
49 T	1,4-Dioxane	1000.000	828.964	17.1	72	0.00
50 S	Toluene-d8	50.000	48.258	3.5	83	0.00
51 T	4-Methyl-2-Pentanone	250.000	251.744	-0.7	82	0.00
52 CM	Toluene	50.000	52.187	-4.4#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	48.003	4.0	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.617	-7.2	86	0.00
55 T	1,1,2-Trichloroethane	50.000	53.462	-6.9	90	0.00
56 T	Ethyl methacrylate	50.000	49.289	1.4	87	0.00
57 T	1,3-Dichloropropane	50.000	52.548	-5.1	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	272.520	-9.0	88	0.00
59 T	2-Hexanone	250.000	247.250	1.1	80	0.00
60 T	Dibromochloromethane	50.000	48.596	2.8	85	0.00
61 T	1,2-Dibromoethane	50.000	53.313	-6.6	89	0.00
62 S	4-Bromofluorobenzene	50.000	50.393	-0.8	86	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	51.607	-3.2	89	0.00
65 PM	Chlorobenzene	50.000	50.389	-0.8	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.503	-5.0	86	0.00
67 C	Ethyl Benzene	50.000	51.581	-3.2#	87	0.00
68 T	m/p-Xylenes	100.000	103.390	-3.4	87	0.00
69 T	o-Xylene	50.000	51.719	-3.4	87	0.00
70 T	Styrene	50.000	53.317	-6.6	88	0.00
71 P	Bromoform	50.000	46.150	7.7	86	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	51.109	-2.2	89	0.00
74 T	N-amyl acetate	50.000	51.260	-2.5	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.487	1.0	89	0.00
76 T	1,2,3-Trichloropropane	50.000	46.239	7.5	91	0.00
77 T	Bromobenzene	50.000	49.536	0.9	88	0.00
78 T	n-propylbenzene	50.000	52.118	-4.2	91	0.00
79 T	2-Chlorotoluene	50.000	50.707	-1.4	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.168	-2.3	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.628	8.7	85	0.00
82 T	4-Chlorotoluene	50.000	52.292	-4.6	91	0.00
83 T	tert-Butylbenzene	50.000	50.913	-1.8	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.040	-4.1	88	0.00
85 T	sec-Butylbenzene	50.000	51.513	-3.0	87	0.00
86 T	p-Isopropyltoluene	50.000	51.720	-3.4	89	0.00
87 T	1,3-Dichlorobenzene	50.000	50.684	-1.4	90	0.00
88 T	1,4-Dichlorobenzene	50.000	50.773	-1.5	92	0.00
89 T	n-Butylbenzene	50.000	54.026	-8.1	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.323	5.4	88	0.00
91 T	1,2-Dichlorobenzene	50.000	51.231	-2.5	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.140	-0.3	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.351	-6.7	92	0.00
94 T	Hexachlorobutadiene	50.000	52.402	-4.8	93	0.00
95 T	Naphthalene	50.000	52.401	-4.8	87	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.307	-2.6	90	0.00

(#) = Out of Range

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