

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX092719\
 Data File : VX012693.D
 Acq On : 27 Sep 2019 14:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 28 04:23:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	48.334	3.3	99	0.00
3 P	Chloromethane	50.000	44.735	10.5	91	0.00
4 C	Vinyl Chloride	50.000	48.209	3.6#	97	0.00
5 T	Bromomethane	50.000	47.327	5.3	104	0.00
6 T	Chloroethane	50.000	44.893	10.2	96	0.00
7 T	Trichlorofluoromethane	50.000	49.259	1.5	101	0.00
8 T	Diethyl Ether	50.000	49.193	1.6	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.752	4.5	96	0.00
10 T	Methyl Iodide	50.000	45.392	9.2	94	0.00
11 T	Tert butyl alcohol	250.000	216.887	13.2	85	-0.01
12 CM	1,1-Dichloroethene	50.000	46.216	7.6#	89	0.00
13 T	Acrolein	250.000	68.540	72.6#	24	0.00
14 T	Allyl chloride	50.000	48.267	3.5	95	0.00
15 T	Acrylonitrile	250.000	231.774	7.3	91	0.00
16 T	Acetone	250.000	227.788	8.9	88	0.00
17 T	Carbon Disulfide	50.000	45.496	9.0	91	0.00
18 T	Methyl Acetate	50.000	45.380	9.2	92	0.00
19 T	Methyl tert-butyl Ether	50.000	48.803	2.4	96	0.00
20 T	Methylene Chloride	50.000	47.334	5.3	97	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.403	3.2	97	0.00
22 T	Diisopropyl ether	50.000	48.592	2.8	97	0.00
23 T	Vinyl Acetate	250.000	243.943	2.4	94	0.00
24 P	1,1-Dichloroethane	50.000	48.576	2.8	96	0.00
25 T	2-Butanone	250.000	230.398	7.8	90	-0.01
26 T	2,2-Dichloropropane	50.000	49.116	1.8	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.517	3.0	97	0.00
28 T	Bromochloromethane	50.000	55.949	-11.9	110	0.00
29 T	Tetrahydrofuran	250.000	225.844	9.7	87	0.00
30 C	Chloroform	50.000	48.175	3.7#	98	-0.01
31 T	Cyclohexane	50.000	49.066	1.9	98	0.00
32 T	1,1,1-Trichloroethane	50.000	48.499	3.0	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.529	0.9	99	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	53.231	-6.5	101	-0.01
36 T	1,1-Dichloropropene	50.000	49.906	0.2	99	0.00
37 T	Ethyl Acetate	50.000	47.631	4.7	90	0.00
38 T	Carbon Tetrachloride	50.000	49.897	0.2	95	0.00
39 T	Methylcyclohexane	50.000	50.949	-1.9	100	0.00
40 TM	Benzene	50.000	49.895	0.2	96	0.00
41 T	Methacrylonitrile	50.000	47.550	4.9	91	0.00
42 TM	1,2-Dichloroethane	50.000	48.992	2.0	94	0.00
43 T	Isopropyl Acetate	50.000	47.606	4.8	92	0.00
44 TM	Trichloroethene	50.000	50.314	-0.6	98	0.00
45 C	1,2-Dichloropropane	50.000	49.968	0.1#	97	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	49.019	2.0	95	0.00
47 T	Bromodichloromethane	50.000	50.469	-0.9	95	0.00
48 T	Methyl methacrylate	50.000	48.428	3.1	91	0.00
49 T	1,4-Dioxane	1000.000	951.774	4.8	88	0.00
50 S	Toluene-d8	50.000	52.511	-5.0	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.300	5.9	90	0.00
52 CM	Toluene	50.000	50.309	-0.6#	97	0.00
53 T	t-1,3-Dichloropropene	50.000	51.803	-3.6	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.343	-2.7	96	0.00
55 T	1,1,2-Trichloroethane	50.000	50.530	-1.1	97	0.00
56 T	Ethyl methacrylate	50.000	50.221	-0.4	94	0.00
57 T	1,3-Dichloropropane	50.000	50.173	-0.3	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	261.204	-4.5	93	0.00
59 T	2-Hexanone	250.000	238.138	4.7	88	0.00
60 T	Dibromochloromethane	50.000	52.353	-4.7	96	0.00
61 T	1,2-Dibromoethane	50.000	51.218	-2.4	97	0.00
62 S	4-Bromofluorobenzene	50.000	53.622	-7.2	104	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	52.362	-4.7	101	0.00
65 PM	Chlorobenzene	50.000	50.158	-0.3	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.198	-2.4	97	0.00
67 C	Ethyl Benzene	50.000	51.846	-3.7#	98	0.00
68 T	m/p-Xylenes	100.000	103.904	-3.9	98	0.00
69 T	o-Xylene	50.000	51.395	-2.8	98	0.00
70 T	Styrene	50.000	53.604	-7.2	99	0.00
71 P	Bromoform	50.000	52.848	-5.7	96	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	49.689	0.6	99	0.00
74 T	N-amyl acetate	50.000	48.493	3.0	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.641	4.7	94	0.00
76 T	1,2,3-Trichloropropane	50.000	41.910	16.2	81	0.00
77 T	Bromobenzene	50.000	48.830	2.3	97	0.00
78 T	n-propylbenzene	50.000	51.374	-2.7	102	0.00
79 T	2-Chlorotoluene	50.000	48.650	2.7	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.147	-0.3	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.865	2.3	93	0.00
82 T	4-Chlorotoluene	50.000	49.089	1.8	97	0.00
83 T	tert-Butylbenzene	50.000	49.711	0.6	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.167	-0.3	99	0.00
85 T	sec-Butylbenzene	50.000	51.125	-2.3	100	0.00
86 T	p-Isopropyltoluene	50.000	52.470	-4.9	101	0.00
87 T	1,3-Dichlorobenzene	50.000	51.152	-2.3	101	0.00
88 T	1,4-Dichlorobenzene	50.000	50.669	-1.3	100	0.00
89 T	n-Butylbenzene	50.000	52.749	-5.5	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	50.097	-0.2	98	0.00
91 T	1,2-Dichlorobenzene	50.000	49.978	0.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.292	5.4	87	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.423	-6.8	103	0.00
94 T	Hexachlorobutadiene	50.000	55.969	-11.9	110	0.00
95 T	Naphthalene	50.000	51.753	-3.5	95	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.059	-8.1	103	0.00

(#) = Out of Range

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