

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX091518\
 Data File : VX004597.D
 Acq On : 15 Sep 2018 20:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 17 08:44:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	47.653	4.7	85	0.00
3 P	Chloromethane	50.000	44.281	11.4	87	0.00
4 C	Vinyl Chloride	50.000	47.435	5.1#	88	0.00
5 T	Bromomethane	50.000	39.922	20.2#	75	0.00
6 T	Chloroethane	50.000	49.057	1.9	94	0.00
7 T	Trichlorofluoromethane	50.000	46.736	6.5	91	0.00
8 T	Diethyl Ether	50.000	50.694	-1.4	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.950	4.1	94	0.00
10 T	Methyl Iodide	50.000	31.579	36.8#	56	0.00
11 T	Tert butyl alcohol	250.000	229.616	8.2	89	0.00
12 CM	1,1-Dichloroethene	50.000	48.970	2.1#	94	0.00
13 T	Acrolein	250.000	288.654	-15.5	122	0.00
14 T	Allyl chloride	50.000	45.546	8.9	86	0.00
15 T	Acrylonitrile	250.000	236.019	5.6	94	0.00
16 T	Acetone	250.000	208.414	16.6	87	0.00
17 T	Carbon Disulfide	50.000	48.582	2.8	90	0.00
18 T	Methyl Acetate	50.000	48.632	2.7	97	0.00
19 T	Methyl tert-butyl Ether	50.000	51.276	-2.6	100	0.00
20 T	Methylene Chloride	50.000	46.772	6.5	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.752	4.5	93	0.00
22 T	Diisopropyl ether	50.000	49.854	0.3	96	0.00
23 T	Vinyl Acetate	250.000	252.841	-1.1	91	0.00
24 P	1,1-Dichloroethane	50.000	49.283	1.4	94	0.00
25 T	2-Butanone	250.000	228.506	8.6	92	0.00
26 T	2,2-Dichloropropane	50.000	42.281	15.4	82	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.799	-1.6	98	0.00
28 T	Bromochloromethane	50.000	52.137	-4.3	101	0.00
29 T	Tetrahydrofuran	250.000	247.138	1.1	91	-0.01
30 C	Chloroform	50.000	48.666	2.7#	92	0.00
31 T	Cyclohexane	50.000	52.058	-4.1	91	0.00
32 T	1,1,1-Trichloroethane	50.000	49.739	0.5	96	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.062	-0.1	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	48.192	3.6	92	0.00
36 T	1,1-Dichloropropene	50.000	51.323	-2.6	97	0.00
37 T	Ethyl Acetate	50.000	48.232	3.5	91	0.00
38 T	Carbon Tetrachloride	50.000	50.308	-0.6	94	0.00
39 T	Methylcyclohexane	50.000	51.921	-3.8	94	0.00
40 TM	Benzene	50.000	49.328	1.3	92	0.00
41 T	Methacrylonitrile	50.000	49.447	1.1	95	0.00
42 TM	1,2-Dichloroethane	50.000	47.633	4.7	96	-0.01
43 T	Isopropyl Acetate	50.000	51.000	-2.0	98	0.00
44 TM	Trichloroethene	50.000	48.677	2.6	94	0.00
45 C	1,2-Dichloropropane	50.000	50.099	-0.2#	96	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	49.628	0.7	95	0.00
47 T	Bromodichloromethane	50.000	50.045	-0.1	95	0.00
48 T	Methyl methacrylate	50.000	51.710	-3.4	94	0.00
49 T	1,4-Dioxane	1000.000	999.518	0.0	90	0.00
50 S	Toluene-d8	50.000	48.812	2.4	95	0.00
51 T	4-Methyl-2-Pentanone	250.000	231.100	7.6	93	0.00
52 CM	Toluene	50.000	49.278	1.4#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	48.041	3.9	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.791	-3.6	95	0.00
55 T	1,1,2-Trichloroethane	50.000	45.931	8.1	86	0.00
56 T	Ethyl methacrylate	50.000	50.042	-0.1	87	0.00
57 T	1,3-Dichloropropane	50.000	47.287	5.4	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	245.350	1.9	95	0.00
59 T	2-Hexanone	250.000	228.545	8.6	90	0.00
60 T	Dibromochloromethane	50.000	49.772	0.5	96	0.00
61 T	1,2-Dibromoethane	50.000	49.674	0.7	96	0.00
62 S	4-Bromofluorobenzene	50.000	50.473	-0.9	100	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	44.635	10.7	82	0.00
65 PM	Chlorobenzene	50.000	50.028	-0.1	97	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.350	-2.7	97	0.00
67 C	Ethyl Benzene	50.000	52.061	-4.1#	96	0.00
68 T	m/p-Xylenes	100.000	105.773	-5.8	95	0.00
69 T	o-Xylene	50.000	53.565	-7.1	98	0.00
70 T	Styrene	50.000	54.052	-8.1	96	0.00
71 P	Bromoform	50.000	51.426	-2.9	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	54.176	-8.4	97	0.00
74 T	N-amyl acetate	50.000	54.242	-8.5	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.032	-2.1	100	0.00
76 T	1,2,3-Trichloropropane	50.000	50.506	-1.0	95	0.00
77 T	Bromobenzene	50.000	51.940	-3.9	98	0.00
78 T	n-propylbenzene	50.000	53.750	-7.5	95	0.00
79 T	2-Chlorotoluene	50.000	52.174	-4.3	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.984	-8.0	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.951	0.1	90	0.00
82 T	4-Chlorotoluene	50.000	52.189	-4.4	94	0.00
83 T	tert-Butylbenzene	50.000	55.405	-10.8	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.175	-8.3	95	0.00
85 T	sec-Butylbenzene	50.000	54.103	-8.2	95	0.00
86 T	p-Isopropyltoluene	50.000	54.618	-9.2	95	0.00
87 T	1,3-Dichlorobenzene	50.000	50.998	-2.0	96	0.00
88 T	1,4-Dichlorobenzene	50.000	49.896	0.2	96	0.00
89 T	n-Butylbenzene	50.000	51.422	-2.8	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	53.115	-6.2	99	0.00
91 T	1,2-Dichlorobenzene	50.000	51.420	-2.8	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.146	-6.3	94	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.904	-7.8	97	0.00
94 T	Hexachlorobutadiene	50.000	50.682	-1.4	97	0.00
95 T	Naphthalene	50.000	64.037	-28.1#	109	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.720	-7.4	99	0.00

(#) = Out of Range

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