

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX092718\
 Data File : VX004763.D
 Acq On : 27 Sep 2018 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 28 06:30:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	57.365	-14.7	103	0.00
3 P	Chloromethane	50.000	45.916	8.2	90	0.00
4 C	Vinyl Chloride	50.000	50.423	-0.8#	99	0.00
5 T	Bromomethane	50.000	42.648	14.7	86	0.00
6 T	Chloroethane	50.000	50.758	-1.5	99	0.00
7 T	Trichlorofluoromethane	50.000	50.746	-1.5	96	0.00
8 T	Diethyl Ether	50.000	49.166	1.7	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.297	-2.6	111	0.00
10 T	Methyl Iodide	50.000	35.321	29.4#	63	0.00
11 T	Tert butyl alcohol	250.000	254.194	-1.7	106	0.00
12 CM	1,1-Dichloroethene	50.000	48.310	3.4#	105	0.00
13 T	Acrolein	250.000	243.762	2.5	105	0.00
14 T	Allyl chloride	50.000	50.105	-0.2	102	0.00
15 T	Acrylonitrile	250.000	248.189	0.7	100	0.00
16 T	Acetone	250.000	239.572	4.2	97	0.00
17 T	Carbon Disulfide	50.000	48.792	2.4	100	0.00
18 T	Methyl Acetate	50.000	49.769	0.5	105	0.00
19 T	Methyl tert-butyl Ether	50.000	53.245	-6.5	114	0.00
20 T	Methylene Chloride	50.000	51.438	-2.9	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.164	3.7	97	0.00
22 T	Diisopropyl ether	50.000	51.462	-2.9	105	0.00
23 T	Vinyl Acetate	250.000	256.555	-2.6	101	0.00
24 P	1,1-Dichloroethane	50.000	46.050	7.9	93	0.00
25 T	2-Butanone	250.000	247.104	1.2	101	0.00
26 T	2,2-Dichloropropane	50.000	50.774	-1.5	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.346	3.3	98	0.00
28 T	Bromochloromethane	50.000	46.008	8.0	99	0.00
29 T	Tetrahydrofuran	250.000	253.844	-1.5	100	0.00
30 C	Chloroform	50.000	46.254	7.5#	101	0.00
31 T	Cyclohexane	50.000	56.648	-13.3	107	0.00
32 T	1,1,1-Trichloroethane	50.000	48.269	3.5	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.377	5.2	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	46.268	7.5	93	0.00
36 T	1,1-Dichloropropene	50.000	48.142	3.7	104	0.00
37 T	Ethyl Acetate	50.000	48.031	3.9	100	0.00
38 T	Carbon Tetrachloride	50.000	43.712	12.6	94	0.00
39 T	Methylcyclohexane	50.000	58.600	-17.2	126	0.00
40 TM	Benzene	50.000	45.890	8.2	100	0.00
41 T	Methacrylonitrile	50.000	48.268	3.5	97	0.00
42 TM	1,2-Dichloroethane	50.000	46.069	7.9	99	0.00
43 T	Isopropyl Acetate	50.000	51.419	-2.8	101	0.00
44 TM	Trichloroethene	50.000	50.554	-1.1	117	0.00
45 C	1,2-Dichloropropane	50.000	50.613	-1.2#	114	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	51.394	-2.8	116	0.00
47 T	Bromodichloromethane	50.000	52.036	-4.1	115	0.00
48 T	Methyl methacrylate	50.000	58.260	-16.5	120	0.00
49 T	1,4-Dioxane	1000.000	1049.256	-4.9	107	0.00
50 S	Toluene-d8	50.000	51.840	-3.7	116	0.00
51 T	4-Methyl-2-Pentanone	250.000	277.984	-11.2	116	0.00
52 CM	Toluene	50.000	51.897	-3.8#	109	0.00
53 T	t-1,3-Dichloropropene	50.000	55.079	-10.2	109	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.641	-13.3	120	0.00
55 T	1,1,2-Trichloroethane	50.000	49.318	1.4	104	0.00
56 T	Ethyl methacrylate	50.000	51.118	-2.2	115	0.00
57 T	1,3-Dichloropropane	50.000	50.226	-0.5	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	274.803	-9.9	123	0.00
59 T	2-Hexanone	250.000	272.119	-8.8	106	0.00
60 T	Dibromochloromethane	50.000	51.180	-2.4	98	0.00
61 T	1,2-Dibromoethane	50.000	48.798	2.4	97	0.00
62 S	4-Bromofluorobenzene	50.000	54.097	-8.2	121	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64 T	Tetrachloroethene	50.000	45.549	8.9	98	0.00
65 PM	Chlorobenzene	50.000	48.507	3.0	109	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.207	1.6	111	0.00
67 C	Ethyl Benzene	50.000	52.105	-4.2#	116	0.00
68 T	m/p-Xylenes	100.000	104.024	-4.0	110	0.00
69 T	o-Xylene	50.000	54.778	-9.6	118	0.00
70 T	Styrene	50.000	49.397	1.2	116	0.00
71 P	Bromoform	50.000	51.212	-2.4	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	120	0.00
73 T	Isopropylbenzene	50.000	54.784	-9.6	118	0.00
74 T	N-amyl acetate	50.000	51.382	-2.8	124	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.765	2.5	119	0.00
76 T	1,2,3-Trichloropropane	50.000	51.650	-3.3	120	0.00
77 T	Bromobenzene	50.000	51.048	-2.1	117	0.00
78 T	n-propylbenzene	50.000	55.198	-10.4	118	0.00
79 T	2-Chlorotoluene	50.000	52.376	-4.8	116	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.976	-2.0	117	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.137	3.7	123	0.00
82 T	4-Chlorotoluene	50.000	52.867	-5.7	116	0.00
83 T	tert-Butylbenzene	50.000	55.987	-12.0	121	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.156	-2.3	117	0.00
85 T	sec-Butylbenzene	50.000	55.432	-10.9	120	0.00
86 T	p-Isopropyltoluene	50.000	55.604	-11.2	120	0.00
87 T	1,3-Dichlorobenzene	50.000	50.532	-1.1	117	0.00
88 T	1,4-Dichlorobenzene	50.000	49.360	1.3	116	0.00
89 T	n-Butylbenzene	50.000	56.739	-13.5	123	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	51.562	-3.1	123	0.00
91 T	1,2-Dichlorobenzene	50.000	48.669	2.7	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.042	-2.1	121	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.936	-7.9	122	0.00
94 T	Hexachlorobutadiene	50.000	51.179	-2.4	125	0.00
95 T	Naphthalene	50.000	51.162	-2.3	120	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.913	-5.8	120	0.00

(#) = Out of Range

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