

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX062519\
 Data File : VX010425.D
 Acq On : 25 Jun 2019 09:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:27:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 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	95	-0.01
2 T	Dichlorodifluoromethane	50.000	45.865	8.3	90	0.00
3 P	Chloromethane	50.000	44.390	11.2	88	0.00
4 C	Vinyl Chloride	50.000	45.052	9.9#	91	0.00
5 T	Bromomethane	50.000	43.995	12.0	90	0.00
6 T	Chloroethane	50.000	47.604	4.8	94	0.00
7 T	Trichlorofluoromethane	50.000	48.003	4.0	93	0.00
8 T	Diethyl Ether	50.000	49.315	1.4	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.945	4.1	95	0.00
10 T	Methyl Iodide	50.000	42.741	14.5	78	0.00
11 T	Tert butyl alcohol	250.000	214.128	14.3	86	0.00
12 CM	1,1-Dichloroethene	50.000	45.717	8.6#	89	0.00
13 T	Acrolein	250.000	245.865	1.7	100	0.00
14 T	Allyl chloride	50.000	48.147	3.7	92	0.00
15 T	Acrylonitrile	250.000	237.616	5.0	91	0.00
16 T	Acetone	250.000	256.129	-2.5	93	0.00
17 T	Carbon Disulfide	50.000	44.907	10.2	88	0.00
18 T	Methyl Acetate	50.000	47.126	5.7	92	0.00
19 T	Methyl tert-butyl Ether	50.000	48.256	3.5	94	0.00
20 T	Methylene Chloride	50.000	47.374	5.3	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.815	6.4	92	0.00
22 T	Diisopropyl ether	50.000	48.142	3.7	94	0.00
23 T	Vinyl Acetate	250.000	250.083	-0.0	93	0.00
24 P	1,1-Dichloroethane	50.000	47.517	5.0	92	0.00
25 T	2-Butanone	250.000	249.289	0.3	93	0.00
26 T	2,2-Dichloropropane	50.000	49.204	1.6	96	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.717	4.6	93	-0.01
28 T	Bromochloromethane	50.000	46.276	7.4	91	0.00
29 T	Tetrahydrofuran	250.000	235.133	5.9	90	0.00
30 C	Chloroform	50.000	48.015	4.0#	94	0.00
31 T	Cyclohexane	50.000	47.503	5.0	92	0.00
32 T	1,1,1-Trichloroethane	50.000	48.880	2.2	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.449	3.1	92	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35 S	Dibromofluoromethane	50.000	50.855	-1.7	93	0.00
36 T	1,1-Dichloropropene	50.000	48.681	2.6	93	0.00
37 T	Ethyl Acetate	50.000	50.032	-0.1	91	0.00
38 T	Carbon Tetrachloride	50.000	49.985	0.0	92	0.00
39 T	Methylcyclohexane	50.000	49.694	0.6	94	0.00
40 TM	Benzene	50.000	49.635	0.7	92	0.00
41 T	Methacrylonitrile	50.000	49.678	0.6	92	0.00
42 TM	1,2-Dichloroethane	50.000	50.530	-1.1	92	0.00
43 T	Isopropyl Acetate	50.000	49.951	0.1	92	0.00
44 TM	Trichloroethene	50.000	49.646	0.7	93	0.00
45 C	1,2-Dichloropropane	50.000	49.443	1.1#	93	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	49.013	2.0	91	0.00
47 T	Bromodichloromethane	50.000	50.403	-0.8	92	0.00
48 T	Methyl methacrylate	50.000	50.825	-1.7	92	0.00
49 T	1,4-Dioxane	1000.000	942.072	5.8	87	0.00
50 S	Toluene-d8	50.000	49.943	0.1	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.523	0.2	92	0.00
52 CM	Toluene	50.000	49.153	1.7#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	50.430	-0.9	92	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.296	-2.6	93	0.00
55 T	1,1,2-Trichloroethane	50.000	50.267	-0.5	93	0.00
56 T	Ethyl methacrylate	50.000	50.011	-0.0	91	0.00
57 T	1,3-Dichloropropane	50.000	49.598	0.8	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	264.876	-6.0	95	0.00
59 T	2-Hexanone	250.000	250.549	-0.2	91	0.00
60 T	Dibromochloromethane	50.000	50.594	-1.2	92	0.00
61 T	1,2-Dibromoethane	50.000	50.122	-0.2	92	0.00
62 S	4-Bromofluorobenzene	50.000	50.221	-0.4	91	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	48.340	3.3	93	0.00
65 PM	Chlorobenzene	50.000	49.742	0.5	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.718	-1.4	92	0.00
67 C	Ethyl Benzene	50.000	50.070	-0.1#	92	0.00
68 T	m/p-Xylenes	100.000	101.081	-1.1	93	0.00
69 T	o-Xylene	50.000	49.813	0.4	93	0.00
70 T	Styrene	50.000	51.009	-2.0	92	0.00
71 P	Bromoform	50.000	52.420	-4.8	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73 T	Isopropylbenzene	50.000	50.035	-0.1	95	0.00
74 T	N-amyl acetate	50.000	50.078	-0.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.720	4.6	90	0.00
76 T	1,2,3-Trichloropropane	50.000	50.093	-0.2	93	0.00
77 T	Bromobenzene	50.000	48.722	2.6	93	0.00
78 T	n-propylbenzene	50.000	51.152	-2.3	95	0.00
79 T	2-Chlorotoluene	50.000	49.362	1.3	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.071	-0.1	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.265	1.5	90	0.00
82 T	4-Chlorotoluene	50.000	50.399	-0.8	93	0.00
83 T	tert-Butylbenzene	50.000	50.436	-0.9	94	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.532	-1.1	93	0.00
85 T	sec-Butylbenzene	50.000	50.634	-1.3	94	0.00
86 T	p-Isopropyltoluene	50.000	51.568	-3.1	95	0.00
87 T	1,3-Dichlorobenzene	50.000	49.525	1.0	95	0.00
88 T	1,4-Dichlorobenzene	50.000	48.313	3.4	93	0.00
89 T	n-Butylbenzene	50.000	52.858	-5.7	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.202	-4.4	93	0.00
91 T	1,2-Dichlorobenzene	50.000	48.206	3.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.195	7.6	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.044	-2.1	95	0.00
94 T	Hexachlorobutadiene	50.000	50.755	-1.5	95	0.00
95 T	Naphthalene	50.000	50.138	-0.3	92	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.801	-1.6	94	0.00

(#) = Out of Range

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