

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX022119\
 Data File : VX007621.D
 Acq On : 21 Feb 2019 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 22 04:45:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 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	110	0.00
2 T	Dichlorodifluoromethane	50.000	41.502	17.0	90	0.00
3 P	Chloromethane	50.000	37.843	24.3#	85	0.00
4 C	Vinyl Chloride	50.000	43.803	12.4#	94	0.00
5 T	Bromomethane	50.000	39.302	21.4#	85	0.00
6 T	Chloroethane	50.000	43.134	13.7	100	0.00
7 T	Trichlorofluoromethane	50.000	44.577	10.8	101	0.00
8 T	Diethyl Ether	50.000	45.024	10.0	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.036	9.9	105	0.00
10 T	Methyl Iodide	50.000	40.967	18.1	88	0.00
11 T	Tert butyl alcohol	250.000	226.582	9.4	110	0.00
12 CM	1,1-Dichloroethene	50.000	42.196	15.6#	99	0.00
13 T	Acrolein	250.000	275.931	-10.4	120	0.00
14 T	Allyl chloride	50.000	44.478	11.0	101	0.00
15 T	Acrylonitrile	250.000	226.559	9.4	110	0.00
16 T	Acetone	250.000	240.289	3.9	114	0.00
17 T	Carbon Disulfide	50.000	38.500	23.0#	89	0.00
18 T	Methyl Acetate	50.000	54.554	-9.1	125	0.00
19 T	Methyl tert-butyl Ether	50.000	45.677	8.6	108	0.00
20 T	Methylene Chloride	50.000	44.898	10.2	101	0.00
21 T	trans-1,2-Dichloroethene	50.000	42.239	15.5	100	0.00
22 T	Diisopropyl ether	50.000	47.745	4.5	110	0.00
23 T	Vinyl Acetate	250.000	244.343	2.3	110	0.00
24 P	1,1-Dichloroethane	50.000	47.170	5.7	109	0.00
25 T	2-Butanone	250.000	248.409	0.6	118	0.01
26 T	2,2-Dichloropropane	50.000	52.934	-5.9	118	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.982	6.0	112	0.00
28 T	Bromochloromethane	50.000	44.511	11.0	99	0.00
29 T	Tetrahydrofuran	250.000	249.215	0.3	117	0.00
30 C	Chloroform	50.000	49.017	2.0#	114	0.00
31 T	Cyclohexane	50.000	44.258	11.5	102	0.00
32 T	1,1,1-Trichloroethane	50.000	50.531	-1.1	113	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.861	8.3	105	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35 S	Dibromofluoromethane	50.000	49.588	0.8	110	0.00
36 T	1,1-Dichloropropene	50.000	45.598	8.8	105	0.00
37 T	Ethyl Acetate	50.000	47.861	4.3	113	0.00
38 T	Carbon Tetrachloride	50.000	53.253	-6.5	115	0.00
39 T	Methylcyclohexane	50.000	47.046	5.9	105	0.00
40 TM	Benzene	50.000	47.881	4.2	109	0.00
41 T	Methacrylonitrile	50.000	50.725	-1.5	114	0.00
42 TM	1,2-Dichloroethane	50.000	46.831	6.3	108	0.00
43 T	Isopropyl Acetate	50.000	50.192	-0.4	112	0.00
44 TM	Trichloroethene	50.000	47.622	4.8	108	0.00
45 C	1,2-Dichloropropane	50.000	49.148	1.7#	111	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	48.034	3.9	113	0.00
47 T	Bromodichloromethane	50.000	52.854	-5.7	117	0.00
48 T	Methyl methacrylate	50.000	50.777	-1.6	109	0.00
49 T	1,4-Dioxane	1000.000	963.969	3.6	110	0.00
50 S	Toluene-d8	50.000	46.503	7.0	101	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.521	-2.2	113	0.00
52 CM	Toluene	50.000	46.520	7.0#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	54.647	-9.3	114	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.351	-8.7	114	0.00
55 T	1,1,2-Trichloroethane	50.000	48.849	2.3	113	0.00
56 T	Ethyl methacrylate	50.000	50.088	-0.2	109	0.00
57 T	1,3-Dichloropropane	50.000	48.508	3.0	110	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	320.764	-28.3#	137	0.00
59 T	2-Hexanone	250.000	252.565	-1.0	114	0.00
60 T	Dibromochloromethane	50.000	57.063	-14.1	116	0.00
61 T	1,2-Dibromoethane	50.000	48.771	2.5	109	0.00
62 S	4-Bromofluorobenzene	50.000	45.566	8.9	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	47.061	5.9	102	0.00
65 PM	Chlorobenzene	50.000	48.682	2.6	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.761	-13.5	115	0.00
67 C	Ethyl Benzene	50.000	50.128	-0.3#	104	0.00
68 T	m/p-Xylenes	100.000	99.127	0.9	102	0.00
69 T	o-Xylene	50.000	49.977	0.0	102	0.00
70 T	Styrene	50.000	51.016	-2.0	103	0.00
71 P	Bromoform	50.000	52.508	-5.0	115	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73 T	Isopropylbenzene	50.000	50.596	-1.2	106	0.00
74 T	N-amyl acetate	50.000	53.042	-6.1	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.575	-3.2	112	0.00
76 T	1,2,3-Trichloropropane	50.000	53.341	-6.7	110	0.00
77 T	Bromobenzene	50.000	47.846	4.3	102	0.00
78 T	n-propylbenzene	50.000	52.359	-4.7	106	0.00
79 T	2-Chlorotoluene	50.000	49.670	0.7	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.333	-2.7	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	54.388	-8.8	120	0.00
82 T	4-Chlorotoluene	50.000	50.959	-1.9	104	0.00
83 T	tert-Butylbenzene	50.000	52.140	-4.3	108	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.833	-3.7	105	0.00
85 T	sec-Butylbenzene	50.000	53.114	-6.2	106	0.00
86 T	p-Isopropyltoluene	50.000	53.422	-6.8	107	0.00
87 T	1,3-Dichlorobenzene	50.000	49.138	1.7	104	0.00
88 T	1,4-Dichlorobenzene	50.000	48.268	3.5	104	0.00
89 T	n-Butylbenzene	50.000	54.559	-9.1	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	60.350	-20.7#	118	0.00
91 T	1,2-Dichlorobenzene	50.000	49.189	1.6	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	54.919	-9.8	117	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.348	-4.7	109	0.00
94 T	Hexachlorobutadiene	50.000	53.126	-6.3	113	0.00
95 T	Naphthalene	50.000	52.272	-4.5	108	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.222	-2.4	109	0.00

(#) = Out of Range

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