

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX032319\
 Data File : VX008354.D
 Acq On : 23 Mar 2019 16:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 25 08:36:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 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	115	0.00
2 T	Dichlorodifluoromethane	50.000	48.979	2.0	115	0.00
3 P	Chloromethane	50.000	47.318	5.4	114	0.00
4 C	Vinyl Chloride	50.000	47.167	5.7#	112	0.00
5 T	Bromomethane	50.000	48.809	2.4	115	0.00
6 T	Chloroethane	50.000	46.038	7.9	111	0.00
7 T	Trichlorofluoromethane	50.000	47.537	4.9	111	0.00
8 T	Diethyl Ether	50.000	45.543	8.9	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.964	2.1	114	0.00
10 T	Methyl Iodide	50.000	48.459	3.1	109	0.00
11 T	Tert butyl alcohol	250.000	225.244	9.9	105	0.00
12 CM	1,1-Dichloroethene	50.000	47.445	5.1#	112	0.00
13 T	Acrolein	250.000	244.158	2.3	111	0.00
14 T	Allyl chloride	50.000	47.123	5.8	109	0.00
15 T	Acrylonitrile	250.000	230.190	7.9	106	0.00
16 T	Acetone	250.000	230.243	7.9	107	0.00
17 T	Carbon Disulfide	50.000	45.919	8.2	113	0.00
18 T	Methyl Acetate	50.000	44.524	11.0	105	0.00
19 T	Methyl tert-butyl Ether	50.000	47.804	4.4	110	0.00
20 T	Methylene Chloride	50.000	46.138	7.7	113	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.243	7.5	110	0.00
22 T	Diisopropyl ether	50.000	47.922	4.2	110	0.00
23 T	Vinyl Acetate	250.000	244.781	2.1	110	0.00
24 P	1,1-Dichloroethane	50.000	47.455	5.1	110	0.00
25 T	2-Butanone	250.000	234.334	6.3	107	0.00
26 T	2,2-Dichloropropane	50.000	50.029	-0.1	114	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.472	7.1	109	0.00
28 T	Bromochloromethane	50.000	52.741	-5.5	116	0.00
29 T	Tetrahydrofuran	250.000	228.828	8.5	104	0.00
30 C	Chloroform	50.000	47.221	5.6#	110	0.00
31 T	Cyclohexane	50.000	48.622	2.8	113	0.00
32 T	1,1,1-Trichloroethane	50.000	48.351	3.3	111	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.815	0.4	114	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	51.071	-2.1	115	0.00
36 T	1,1-Dichloropropene	50.000	49.479	1.0	112	0.00
37 T	Ethyl Acetate	50.000	47.933	4.1	107	0.00
38 T	Carbon Tetrachloride	50.000	49.018	2.0	111	0.00
39 T	Methylcyclohexane	50.000	51.421	-2.8	117	0.00
40 TM	Benzene	50.000	48.758	2.5	111	0.00
41 T	Methacrylonitrile	50.000	48.733	2.5	106	0.00
42 TM	1,2-Dichloroethane	50.000	47.330	5.3	110	0.00
43 T	Isopropyl Acetate	50.000	49.608	0.8	109	0.00
44 TM	Trichloroethene	50.000	47.711	4.6	111	0.00
45 C	1,2-Dichloropropane	50.000	49.002	2.0#	110	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	47.277	5.4	110	0.00
47 T	Bromodichloromethane	50.000	49.286	1.4	110	0.00
48 T	Methyl methacrylate	50.000	49.885	0.2	111	0.00
49 T	1,4-Dioxane	1000.000	890.163	11.0	102	0.00
50 S	Toluene-d8	50.000	52.479	-5.0	118	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.178	3.1	109	0.00
52 CM	Toluene	50.000	50.452	-0.9#	114	0.00
53 T	t-1,3-Dichloropropene	50.000	52.556	-5.1	113	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.921	-3.8	111	0.00
55 T	1,1,2-Trichloroethane	50.000	48.415	3.2	111	0.00
56 T	Ethyl methacrylate	50.000	51.249	-2.5	112	0.00
57 T	1,3-Dichloropropane	50.000	48.556	2.9	111	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	295.126	-18.1	127	0.00
59 T	2-Hexanone	250.000	240.389	3.8	108	0.00
60 T	Dibromochloromethane	50.000	50.895	-1.8	110	0.00
61 T	1,2-Dibromoethane	50.000	49.919	0.2	112	0.00
62 S	4-Bromofluorobenzene	50.000	53.340	-6.7	122	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	114	0.00
64 T	Tetrachloroethene	50.000	50.154	-0.3	117	0.00
65 PM	Chlorobenzene	50.000	49.601	0.8	115	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.724	-1.4	114	0.00
67 C	Ethyl Benzene	50.000	50.673	-1.3#	116	0.00
68 T	m/p-Xylenes	100.000	102.096	-2.1	116	0.00
69 T	o-Xylene	50.000	50.195	-0.4	115	0.00
70 T	Styrene	50.000	51.005	-2.0	115	0.00
71 P	Bromoform	50.000	51.575	-3.2	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	115	0.00
73 T	Isopropylbenzene	50.000	50.035	-0.1	117	0.00
74 T	N-amyl acetate	50.000	49.789	0.4	110	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.476	7.0	110	0.00
76 T	1,2,3-Trichloropropane	50.000	46.737	6.5	111	0.00
77 T	Bromobenzene	50.000	49.191	1.6	116	0.00
78 T	n-propylbenzene	50.000	51.369	-2.7	118	0.00
79 T	2-Chlorotoluene	50.000	48.769	2.5	116	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.298	-0.6	118	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.957	-5.9	113	0.00
82 T	4-Chlorotoluene	50.000	49.804	0.4	117	0.00
83 T	tert-Butylbenzene	50.000	50.169	-0.3	115	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.418	-0.8	117	0.00
85 T	sec-Butylbenzene	50.000	51.051	-2.1	119	0.00
86 T	p-Isopropyltoluene	50.000	52.529	-5.1	120	0.00
87 T	1,3-Dichlorobenzene	50.000	49.527	0.9	118	0.00
88 T	1,4-Dichlorobenzene	50.000	48.762	2.5	118	0.00
89 T	n-Butylbenzene	50.000	53.298	-6.6	121	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.590	-5.2	120	0.00
91 T	1,2-Dichlorobenzene	50.000	48.574	2.9	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.458	5.1	107	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.997	-2.0	122	0.00
94 T	Hexachlorobutadiene	50.000	53.170	-6.3	124	0.00
95 T	Naphthalene	50.000	48.680	2.6	113	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.946	0.1	118	0.00

(#) = Out of Range

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