

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070319\
 Data File : VX010683.D
 Acq On : 04 Jul 2019 11:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Jul 05 04:46:02 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	48	0.00
2 T	Dichlorodifluoromethane	50.000	32.668	34.7#	33	0.00
3 P	Chloromethane	50.000	67.815	-35.6#	68	0.00
4 C	Vinyl Chloride	50.000	51.253	-2.5#	53	0.00
5 T	Bromomethane	50.000	71.904	-43.8#	75	0.00
6 T	Chloroethane	50.000	68.084	-36.2#	68	0.00
7 T	Trichlorofluoromethane	50.000	38.201	23.6#	38	0.00
8 T	Diethyl Ether	50.000	82.125	-64.3#	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	30.949	38.1#	31	0.00
10 T	Methyl Iodide	50.000	59.136	-18.3	55	0.00
11 T	Tert butyl alcohol	250.000	413.770	-65.5#	85	0.00
12 CM	1,1-Dichloroethene	50.000	48.426	3.1#	48	0.00
13 T	Acrolein	250.000	347.277	-38.9#	72	0.00
14 T	Allyl chloride	50.000	65.187	-30.4#	63	0.00
15 T	Acrylonitrile	250.000	418.880	-67.6#	82	0.00
16 T	Acetone	250.000	365.001	-46.0#	68	0.00
17 T	Carbon Disulfide	50.000	48.029	3.9	48	0.00
18 T	Methyl Acetate	50.000	91.951	-83.9#	92	0.00
19 T	Methyl tert-butyl Ether	50.000	81.900	-63.8#	81	0.00
20 T	Methylene Chloride	50.000	75.481	-51.0#	76	0.00
21 T	trans-1,2-Dichloroethene	50.000	59.573	-19.1	60	0.00
22 T	Diisopropyl ether	50.000	78.105	-56.2#	78	0.00
23 T	Vinyl Acetate	250.000	397.711	-59.1#	76	0.00
24 P	1,1-Dichloroethane	50.000	70.044	-40.1#	69	0.00
25 T	2-Butanone	250.000	406.902	-62.8#	78	0.00
26 T	2,2-Dichloropropane	50.000	27.023	46.0#	27	0.00
27 T	cis-1,2-Dichloroethene	50.000	69.538	-39.1#	69	0.00
28 T	Bromochloromethane	50.000	71.686	-43.4#	72	0.00
29 T	Tetrahydrofuran	250.000	422.562	-69.0#	83	0.00
30 C	Chloroform	50.000	71.880	-43.8#	72	0.00
31 T	Cyclohexane	50.000	33.070	33.9#	33	0.00
32 T	1,1,1-Trichloroethane	50.000	54.117	-8.2	53	0.00
33 S	1,2-Dichloroethane-d4	50.000	78.340	-56.7#	76	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	62	0.00
35 S	Dibromofluoromethane	50.000	56.769	-13.5	68	0.00
36 T	1,1-Dichloropropene	50.000	37.950	24.1#	48	0.00
37 T	Ethyl Acetate	50.000	67.794	-35.6#	81	0.00
38 T	Carbon Tetrachloride	50.000	34.483	31.0#	42	0.00
39 T	Methylcyclohexane	50.000	23.713	52.6#	30	0.00
40 TM	Benzene	50.000	52.648	-5.3	65	0.00
41 T	Methacrylonitrile	50.000	67.711	-35.4#	83	0.00
42 TM	1,2-Dichloroethane	50.000	67.528	-35.1#	82	0.00
43 T	Isopropyl Acetate	50.000	66.599	-33.2#	81	0.00
44 TM	Trichloroethene	50.000	44.456	11.1	55	0.00
45 C	1,2-Dichloropropane	50.000	57.232	-14.5#	71	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	63.227	-26.5#	78	0.00
47 T	Bromodichloromethane	50.000	58.601	-17.2	71	0.00
48 T	Methyl methacrylate	50.000	67.712	-35.4#	81	0.00
49 T	1,4-Dioxane	1000.000	1298.935	-29.9#	80	0.00
50 S	Toluene-d8	50.000	46.678	6.6	56	0.00
51 T	4-Methyl-2-Pentanone	250.000	343.195	-37.3#	83	0.00
52 CM	Toluene	50.000	48.554	2.9#	60	0.00
53 T	t-1,3-Dichloropropene	50.000	52.461	-4.9	63	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.413	-4.8	63	0.00
55 T	1,1,2-Trichloroethane	50.000	62.370	-24.7#	76	0.00
56 T	Ethyl methacrylate	50.000	63.581	-27.2#	76	0.00
57 T	1,3-Dichloropropane	50.000	62.240	-24.5#	76	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	293.971	-17.6	70	0.00
59 T	2-Hexanone	250.000	331.455	-32.6#	79	0.00
60 T	Dibromochloromethane	50.000	58.409	-16.8	70	0.00
61 T	1,2-Dibromoethane	50.000	61.924	-23.8#	76	0.00
62 S	4-Bromofluorobenzene	50.000	50.371	-0.7	60	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	63	0.00
64 T	Tetrachloroethene	50.000	37.381	25.2#	49	0.00
65 PM	Chlorobenzene	50.000	48.698	2.6	62	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.707	-7.4	66	0.00
67 C	Ethyl Benzene	50.000	43.179	13.6#	54	0.00
68 T	m/p-Xylenes	100.000	85.950	14.0	54	0.00
69 T	o-Xylene	50.000	46.718	6.6	59	0.00
70 T	Styrene	50.000	49.914	0.2	62	0.00
71 P	Bromoform	50.000	54.884	-9.8	65	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	60	0.00
73 T	Isopropylbenzene	50.000	39.955	20.1#	49	0.00
74 T	N-amyl acetate	50.000	64.767	-29.5#	76	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	62.219	-24.4#	76	0.00
76 T	1,2,3-Trichloropropane	50.000	63.154	-26.3#	76	0.00
77 T	Bromobenzene	50.000	52.315	-4.6	65	0.00
78 T	n-propylbenzene	50.000	38.609	22.8#	46	0.00
79 T	2-Chlorotoluene	50.000	45.726	8.5	56	0.00
80 T	1,3,5-Trimethylbenzene	50.000	42.875	14.2	51	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	43.005	14.0	51	0.00
82 T	4-Chlorotoluene	50.000	46.908	6.2	56	0.00
83 T	tert-Butylbenzene	50.000	39.360	21.3#	48	0.00
84 T	1,2,4-Trimethylbenzene	50.000	45.450	9.1	54	0.00
85 T	sec-Butylbenzene	50.000	35.021	30.0#	42	0.00
86 T	p-Isopropyltoluene	50.000	36.880	26.2#	44	0.00
87 T	1,3-Dichlorobenzene	50.000	47.392	5.2	59	0.00
88 T	1,4-Dichlorobenzene	50.000	46.964	6.1	59	0.00
89 T	n-Butylbenzene	50.000	33.739	32.5#	40	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	35.963	28.1#	42	0.00
91 T	1,2-Dichlorobenzene	50.000	50.993	-2.0	63	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	60.331	-20.7#	76	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.480	3.0	59	0.00
94 T	Hexachlorobutadiene	50.000	29.491	41.0#	36	0.00
95 T	Naphthalene	50.000	58.635	-17.3	70	0.00
96 T	1,2,3-Trichlorobenzene	50.000	51.627	-3.3	62	0.00

(#) = Out of Range

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