

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX031320\
 Data File : VX015244.D
 Acq On : 13 Mar 2020 08:53
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 16 08:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 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	77	0.00
2 T	Dichlorodifluoromethane	50.000	45.740	8.5	73	0.00
3 P	Chloromethane	50.000	43.084	13.8	71	0.00
4 C	Vinyl Chloride	50.000	43.218	13.6#	70	0.00
5 T	Bromomethane	50.000	43.033	13.9	70	-0.01
6 T	Chloroethane	50.000	45.209	9.6	72	0.00
7 T	Trichlorofluoromethane	50.000	46.982	6.0	74	0.00
8 T	Diethyl Ether	50.000	46.027	7.9	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.059	5.9	74	0.00
10 T	Methyl Iodide	50.000	40.512	19.0	58	0.00
11 T	Tert butyl alcohol	250.000	230.008	8.0	73	-0.01
12 CM	1,1-Dichloroethene	50.000	45.027	9.9#	73	0.00
13 T	Acrolein	250.000	216.387	13.4	69	0.00
14 T	Allyl chloride	50.000	49.079	1.8	77	0.00
15 T	Acrylonitrile	250.000	242.163	3.1	75	0.00
16 T	Acetone	250.000	248.649	0.5	79	0.00
17 T	Carbon Disulfide	50.000	42.990	14.0	68	0.00
18 T	Methyl Acetate	50.000	47.442	5.1	78	0.00
19 T	Methyl tert-butyl Ether	50.000	48.348	3.3	74	0.00
20 T	Methylene Chloride	50.000	44.400	11.2	74	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.256	9.5	72	0.00
22 T	Diisopropyl ether	50.000	50.177	-0.4	77	0.00
23 T	Vinyl Acetate	250.000	250.384	-0.2	74	0.00
24 P	1,1-Dichloroethane	50.000	46.268	7.5	73	0.00
25 T	2-Butanone	250.000	260.068	-4.0	78	-0.01
26 T	2,2-Dichloropropane	50.000	46.981	6.0	74	-0.01
27 T	cis-1,2-Dichloroethene	50.000	46.682	6.6	73	0.00
28 T	Bromochloromethane	50.000	50.327	-0.7	77	-0.01
29 T	Tetrahydrofuran	250.000	240.757	3.7	74	-0.01
30 C	Chloroform	50.000	46.291	7.4#	73	-0.01
31 T	Cyclohexane	50.000	48.693	2.6	76	0.00
32 T	1,1,1-Trichloroethane	50.000	47.399	5.2	73	0.00
33 S	1,2-Dichloroethane-d4	50.000	39.370	21.3#	63	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35 S	Dibromofluoromethane	50.000	49.423	1.2	70	0.00
36 T	1,1-Dichloropropene	50.000	51.187	-2.4	73	0.00
37 T	Ethyl Acetate	50.000	56.976	-14.0	74	0.00
38 T	Carbon Tetrachloride	50.000	51.741	-3.5	73	0.00
39 T	Methylcyclohexane	50.000	51.205	-2.4	71	0.00
40 TM	Benzene	50.000	49.814	0.4	69	0.00
41 T	Methacrylonitrile	50.000	53.971	-7.9	75	-0.01
42 TM	1,2-Dichloroethane	50.000	47.959	4.1	67	0.00
43 T	Isopropyl Acetate	50.000	51.328	-2.7	70	0.00
44 TM	Trichloroethene	50.000	49.730	0.5	70	0.00
45 C	1,2-Dichloropropane	50.000	51.218	-2.4#	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	48.250	3.5	68	0.00
47 T	Bromodichloromethane	50.000	49.471	1.1	68	0.00
48 T	Methyl methacrylate	50.000	50.319	-0.6	70	0.00
49 T	1,4-Dioxane	1000.000	928.868	7.1	66	-0.02
50 S	Toluene-d8	50.000	46.631	6.7	65	0.00
51 T	4-Methyl-2-Pentanone	250.000	257.175	-2.9	69	0.00
52 CM	Toluene	50.000	51.058	-2.1#	70	0.00
53 T	t-1,3-Dichloropropene	50.000	52.375	-4.8	69	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.808	-3.6	70	0.00
55 T	1,1,2-Trichloroethane	50.000	49.575	0.8	69	0.00
56 T	Ethyl methacrylate	50.000	54.019	-8.0	70	0.00
57 T	1,3-Dichloropropane	50.000	49.929	0.1	69	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.614	1.0	67	0.00
59 T	2-Hexanone	250.000	270.423	-8.2	71	0.00
60 T	Dibromochloromethane	50.000	51.178	-2.4	70	0.00
61 T	1,2-Dibromoethane	50.000	48.444	3.1	68	0.00
62 S	4-Bromofluorobenzene	50.000	48.386	3.2	68	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	69	0.00
64 T	Tetrachloroethene	50.000	51.923	-3.8	73	0.00
65 PM	Chlorobenzene	50.000	50.216	-0.4	70	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.373	-0.7	71	0.00
67 C	Ethyl Benzene	50.000	52.423	-4.8#	71	0.00
68 T	m/p-Xylenes	100.000	106.486	-6.5	71	0.00
69 T	o-Xylene	50.000	52.470	-4.9	70	0.00
70 T	Styrene	50.000	54.270	-8.5	72	0.00
71 P	Bromoform	50.000	53.349	-6.7	72	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73 T	Isopropylbenzene	50.000	50.418	-0.8	70	0.00
74 T	N-amyl acetate	50.000	49.296	1.4	69	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.280	9.4	68	0.00
76 T	1,2,3-Trichloropropane	50.000	41.497	17.0	60	0.00
77 T	Bromobenzene	50.000	48.202	3.6	73	0.00
78 T	n-propylbenzene	50.000	51.485	-3.0	72	0.00
79 T	2-Chlorotoluene	50.000	49.753	0.5	72	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.101	-2.2	72	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.893	2.2	70	0.00
82 T	4-Chlorotoluene	50.000	49.518	1.0	72	0.00
83 T	tert-Butylbenzene	50.000	50.605	-1.2	72	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.743	-3.5	73	0.00
85 T	sec-Butylbenzene	50.000	52.813	-5.6	74	0.00
86 T	p-Isopropyltoluene	50.000	52.728	-5.5	73	0.00
87 T	1,3-Dichlorobenzene	50.000	49.279	1.4	73	0.00
88 T	1,4-Dichlorobenzene	50.000	48.130	3.7	74	0.00
89 T	n-Butylbenzene	50.000	52.867	-5.7	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.942	2.1	73	0.00
91 T	1,2-Dichlorobenzene	50.000	48.412	3.2	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.239	3.5	68	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.544	-7.1	77	0.00
94 T	Hexachlorobutadiene	50.000	54.343	-8.7	81	0.00
95 T	Naphthalene	50.000	46.294	7.4	69	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.290	-6.6	76	0.00

(#) = Out of Range

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