

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX121019\
 Data File : VX013913.D
 Acq On : 10 Dec 2019 21:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 04:10:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 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	76	0.00
2 T	Dichlorodifluoromethane	50.000	45.924	8.2	69	0.00
3 P	Chloromethane	50.000	46.734	6.5	71	0.00
4 C	Vinyl Chloride	50.000	49.315	1.4#	73	0.00
5 T	Bromomethane	50.000	45.226	9.5	74	0.00
6 T	Chloroethane	50.000	49.516	1.0	79	0.00
7 T	Trichlorofluoromethane	50.000	47.827	4.3	76	0.00
8 T	Diethyl Ether	50.000	49.513	1.0	78	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.502	3.0	77	0.00
10 T	Methyl Iodide	50.000	50.416	-0.8	73	0.00
11 T	Tert butyl alcohol	250.000	219.705	12.1	72	0.00
12 CM	1,1-Dichloroethene	50.000	47.988	4.0#	75	0.00
13 T	Acrolein	250.000	254.339	-1.7	78	0.00
14 T	Allyl chloride	50.000	48.453	3.1	75	0.00
15 T	Acrylonitrile	250.000	252.758	-1.1	78	0.00
16 T	Acetone	250.000	227.169	9.1	70	0.00
17 T	Carbon Disulfide	50.000	41.573	16.9	66	0.00
18 T	Methyl Acetate	50.000	54.281	-8.6	81	0.00
19 T	Methyl tert-butyl Ether	50.000	50.108	-0.2	77	0.00
20 T	Methylene Chloride	50.000	48.997	2.0	79	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.943	6.1	74	0.00
22 T	Diisopropyl ether	50.000	52.068	-4.1	80	0.00
23 T	Vinyl Acetate	250.000	250.304	-0.1	76	0.00
24 P	1,1-Dichloroethane	50.000	50.988	-2.0	79	0.00
25 T	2-Butanone	250.000	247.095	1.2	74	0.00
26 T	2,2-Dichloropropane	50.000	43.528	12.9	68	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.115	1.8	77	0.00
28 T	Bromochloromethane	50.000	54.836	-9.7	83	0.00
29 T	Tetrahydrofuran	250.000	257.136	-2.9	77	0.00
30 C	Chloroform	50.000	49.234	1.5#	78	0.00
31 T	Cyclohexane	50.000	46.857	6.3	74	0.00
32 T	1,1,1-Trichloroethane	50.000	49.801	0.4	78	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.099	3.8	77	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35 S	Dibromofluoromethane	50.000	47.909	4.2	79	0.00
36 T	1,1-Dichloropropene	50.000	46.790	6.4	75	0.00
37 T	Ethyl Acetate	50.000	49.896	0.2	76	0.00
38 T	Carbon Tetrachloride	50.000	48.190	3.6	75	0.00
39 T	Methylcyclohexane	50.000	45.044	9.9	73	0.00
40 TM	Benzene	50.000	47.512	5.0	77	0.00
41 T	Methacrylonitrile	50.000	51.171	-2.3	78	0.00
42 TM	1,2-Dichloroethane	50.000	49.157	1.7	79	0.00
43 T	Isopropyl Acetate	50.000	48.997	2.0	77	0.00
44 TM	Trichloroethene	50.000	49.168	1.7	80	0.00
45 C	1,2-Dichloropropane	50.000	50.841	-1.7#	81	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.727	4.5	78	0.00
47 T	Bromodichloromethane	50.000	50.110	-0.2	78	0.00
48 T	Methyl methacrylate	50.000	50.614	-1.2	77	0.00
49 T	1,4-Dioxane	1000.000	849.992	15.0	67	0.00
50 S	Toluene-d8	50.000	45.928	8.1	76	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.439	-1.0	79	0.00
52 CM	Toluene	50.000	48.152	3.7#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	47.237	5.5	73	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.759	2.5	75	0.00
55 T	1,1,2-Trichloroethane	50.000	50.428	-0.9	80	0.00
56 T	Ethyl methacrylate	50.000	50.214	-0.4	78	0.00
57 T	1,3-Dichloropropane	50.000	49.426	1.1	80	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	243.972	2.4	77	0.00
59 T	2-Hexanone	250.000	246.637	1.3	76	0.00
60 T	Dibromochloromethane	50.000	49.796	0.4	77	0.00
61 T	1,2-Dibromoethane	50.000	48.687	2.6	78	0.00
62 S	4-Bromofluorobenzene	50.000	46.335	7.3	77	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	52.222	-4.4	87	0.00
65 PM	Chlorobenzene	50.000	47.895	4.2	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.825	0.3	78	0.00
67 C	Ethyl Benzene	50.000	49.079	1.8#	77	0.00
68 T	m/p-Xylenes	100.000	96.751	3.2	76	0.00
69 T	o-Xylene	50.000	48.369	3.3	76	0.00
70 T	Styrene	50.000	49.849	0.3	77	0.00
71 P	Bromoform	50.000	49.864	0.3	76	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	49.255	1.5	77	0.00
74 T	N-amyl acetate	50.000	49.964	0.1	75	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.011	-2.0	80	0.00
76 T	1,2,3-Trichloropropane	50.000	50.338	-0.7	77	0.00
77 T	Bromobenzene	50.000	47.528	4.9	76	0.00
78 T	n-propylbenzene	50.000	49.307	1.4	76	0.00
79 T	2-Chlorotoluene	50.000	48.364	3.3	77	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.424	1.2	77	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.255	5.5	72	0.00
82 T	4-Chlorotoluene	50.000	48.237	3.5	77	0.00
83 T	tert-Butylbenzene	50.000	48.419	3.2	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.799	2.4	76	0.00
85 T	sec-Butylbenzene	50.000	49.666	0.7	77	0.00
86 T	p-Isopropyltoluene	50.000	49.318	1.4	77	0.00
87 T	1,3-Dichlorobenzene	50.000	47.568	4.9	76	0.00
88 T	1,4-Dichlorobenzene	50.000	46.474	7.1	77	0.00
89 T	n-Butylbenzene	50.000	49.031	1.9	75	0.00

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90 T	Hexachloroethane	50.000	48.202	3.6	76	0.00
91 T	1,2-Dichlorobenzene	50.000	48.875	2.3	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.634	2.7	74	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.036	9.9	71	0.00
94 T	Hexachlorobutadiene	50.000	43.951	12.1	74	0.00
95 T	Naphthalene	50.000	48.406	3.2	73	0.00
96 T	1,2,3-Trichlorobenzene	50.000	46.649	6.7	74	0.00

(#) = Out of Range

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