

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX112019\
 Data File : VX013468.D
 Acq On : 20 Nov 2019 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 21 00:57:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 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	92	0.00
2 T	Dichlorodifluoromethane	50.000	46.394	7.2	82	0.00
3 P	Chloromethane	50.000	46.110	7.8	82	0.00
4 C	Vinyl Chloride	50.000	48.550	2.9#	84	0.00
5 T	Bromomethane	50.000	44.890	10.2	83	0.00
6 T	Chloroethane	50.000	46.958	6.1	85	0.00
7 T	Trichlorofluoromethane	50.000	46.002	8.0	86	0.00
8 T	Diethyl Ether	50.000	48.491	3.0	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.762	-3.5	96	0.00
10 T	Methyl Iodide	50.000	47.833	4.3	84	0.00
11 T	Tert butyl alcohol	250.000	201.448	19.4	79	0.00
12 CM	1,1-Dichloroethene	50.000	50.429	-0.9#	91	0.00
13 T	Acrolein	250.000	253.868	-1.5	90	0.00
14 T	Allyl chloride	50.000	52.761	-5.5	96	0.00
15 T	Acrylonitrile	250.000	260.166	-4.1	91	0.00
16 T	Acetone	250.000	252.567	-1.0	91	0.00
17 T	Carbon Disulfide	50.000	46.824	6.4	84	0.00
18 T	Methyl Acetate	50.000	53.394	-6.8	94	0.00
19 T	Methyl tert-butyl Ether	50.000	53.982	-8.0	95	0.00
20 T	Methylene Chloride	50.000	49.750	0.5	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.581	-1.2	92	0.00
22 T	Diisopropyl ether	50.000	55.264	-10.5	97	0.00
23 T	Vinyl Acetate	250.000	267.377	-7.0	94	0.00
24 P	1,1-Dichloroethane	50.000	52.452	-4.9	96	0.00
25 T	2-Butanone	250.000	258.852	-3.5	90	-0.01
26 T	2,2-Dichloropropane	50.000	55.605	-11.2	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.629	-7.3	96	0.00
28 T	Bromochloromethane	50.000	53.085	-6.2	96	0.00
29 T	Tetrahydrofuran	250.000	255.397	-2.2	87	-0.01
30 C	Chloroform	50.000	52.847	-5.7#	95	0.00
31 T	Cyclohexane	50.000	50.356	-0.7	93	0.00
32 T	1,1,1-Trichloroethane	50.000	51.638	-3.3	93	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.094	5.8	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35 S	Dibromofluoromethane	50.000	48.987	2.0	90	0.00
36 T	1,1-Dichloropropene	50.000	54.092	-8.2	94	0.00
37 T	Ethyl Acetate	50.000	50.694	-1.4	88	0.00
38 T	Carbon Tetrachloride	50.000	53.839	-7.7	93	0.00
39 T	Methylcyclohexane	50.000	52.856	-5.7	96	0.00
40 TM	Benzene	50.000	53.168	-6.3	96	0.00
41 T	Methacrylonitrile	50.000	51.708	-3.4	91	0.00
42 TM	1,2-Dichloroethane	50.000	51.844	-3.7	91	0.00
43 T	Isopropyl Acetate	50.000	54.032	-8.1	93	0.00
44 TM	Trichloroethene	50.000	51.834	-3.7	95	0.00
45 C	1,2-Dichloropropane	50.000	54.784	-9.6#	98	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	51.920	-3.8	93	0.00
47 T	Bromodichloromethane	50.000	56.574	-13.1	98	0.00
48 T	Methyl methacrylate	50.000	54.207	-8.4	91	0.00
49 T	1,4-Dioxane	1000.000	841.877	15.8	74	0.00
50 S	Toluene-d8	50.000	49.704	0.6	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.617	-3.8	89	0.00
52 CM	Toluene	50.000	53.671	-7.3#	95	0.00
53 T	t-1,3-Dichloropropene	50.000	57.445	-14.9	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.879	-13.8	98	0.00
55 T	1,1,2-Trichloroethane	50.000	54.266	-8.5	96	0.00
56 T	Ethyl methacrylate	50.000	51.332	-2.7	96	0.00
57 T	1,3-Dichloropropane	50.000	53.898	-7.8	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	284.927	-14.0	95	0.00
59 T	2-Hexanone	250.000	261.046	-4.4	88	0.00
60 T	Dibromochloromethane	50.000	57.000	-14.0	97	0.00
61 T	1,2-Dibromoethane	50.000	52.899	-5.8	93	0.00
62 S	4-Bromofluorobenzene	50.000	49.399	1.2	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	51.538	-3.1	93	0.00
65 PM	Chlorobenzene	50.000	53.019	-6.0	96	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.135	-10.3	97	0.00
67 C	Ethyl Benzene	50.000	53.909	-7.8#	94	0.00
68 T	m/p-Xylenes	100.000	109.176	-9.2	94	0.00
69 T	o-Xylene	50.000	53.942	-7.9	95	0.00
70 T	Styrene	50.000	56.308	-12.6	95	0.00
71 P	Bromoform	50.000	50.427	-0.9	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	56.211	-12.4	97	0.00
74 T	N-amyl acetate	50.000	56.403	-12.8	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.592	-7.2	94	0.00
76 T	1,2,3-Trichloropropane	50.000	51.914	-3.8	96	0.00
77 T	Bromobenzene	50.000	54.151	-8.3	94	0.00
78 T	n-propylbenzene	50.000	57.681	-15.4	97	0.00
79 T	2-Chlorotoluene	50.000	55.798	-11.6	96	0.00
80 T	1,3,5-Trimethylbenzene	50.000	56.486	-13.0	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	56.925	-13.8	96	0.00
82 T	4-Chlorotoluene	50.000	55.398	-10.8	96	0.00
83 T	tert-Butylbenzene	50.000	56.629	-13.3	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.714	-13.4	95	0.00
85 T	sec-Butylbenzene	50.000	57.754	-15.5	98	0.00
86 T	p-Isopropyltoluene	50.000	58.301	-16.6	98	0.00
87 T	1,3-Dichlorobenzene	50.000	54.994	-10.0	96	0.00
88 T	1,4-Dichlorobenzene	50.000	53.746	-7.5	96	0.00
89 T	n-Butylbenzene	50.000	58.292	-16.6	97	0.00

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90 T	Hexachloroethane	50.000	58.321	-16.6	99	0.00
91 T	1,2-Dichlorobenzene	50.000	54.636	-9.3	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.319	5.4	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	56.389	-12.8	97	0.00
94 T	Hexachlorobutadiene	50.000	55.664	-11.3	99	0.00
95 T	Naphthalene	50.000	53.641	-7.3	87	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.857	-9.7	94	0.00

(#) = Out of Range

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