

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112219\
 Data File : VX013549.D
 Acq On : 22 Nov 2019 21:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 23 00:55:52 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	87	0.00
2 T	Dichlorodifluoromethane	50.000	41.414	17.2	69	0.00
3 P	Chloromethane	50.000	42.815	14.4	72	0.00
4 C	Vinyl Chloride	50.000	44.726	10.5#	74	0.00
5 T	Bromomethane	50.000	45.182	9.6	79	0.00
6 T	Chloroethane	50.000	44.411	11.2	77	0.00
7 T	Trichlorofluoromethane	50.000	43.080	13.8	76	0.00
8 T	Diethyl Ether	50.000	46.575	6.8	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.839	2.3	86	0.00
10 T	Methyl Iodide	50.000	47.579	4.8	79	0.00
11 T	Tert butyl alcohol	250.000	222.881	10.8	83	0.00
12 CM	1,1-Dichloroethene	50.000	47.593	4.8#	81	0.00
13 T	Acrolein	250.000	300.085	-20.0#	101	0.00
14 T	Allyl chloride	50.000	48.698	2.6	84	0.00
15 T	Acrylonitrile	250.000	268.557	-7.4	89	0.00
16 T	Acetone	250.000	233.160	6.7	79	0.00
17 T	Carbon Disulfide	50.000	40.535	18.9	69	0.00
18 T	Methyl Acetate	50.000	61.474	-22.9#	103	0.00
19 T	Methyl tert-butyl Ether	50.000	52.622	-5.2	88	0.00
20 T	Methylene Chloride	50.000	48.441	3.1	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.638	4.7	82	0.00
22 T	Diisopropyl ether	50.000	52.374	-4.7	87	0.00
23 T	Vinyl Acetate	250.000	125.799	49.7#	42	0.00
24 P	1,1-Dichloroethane	50.000	50.170	-0.3	87	0.00
25 T	2-Butanone	250.000	257.835	-3.1	85	0.00
26 T	2,2-Dichloropropane	50.000	43.659	12.7	75	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.420	-2.8	87	0.00
28 T	Bromochloromethane	50.000	52.994	-6.0	91	0.00
29 T	Tetrahydrofuran	250.000	261.944	-4.8	85	0.00
30 C	Chloroform	50.000	51.204	-2.4#	88	0.00
31 T	Cyclohexane	50.000	47.307	5.4	83	0.00
32 T	1,1,1-Trichloroethane	50.000	49.353	1.3	84	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.447	3.1	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	48.830	2.3	87	0.00
36 T	1,1-Dichloropropene	50.000	49.026	1.9	83	0.00
37 T	Ethyl Acetate	50.000	49.931	0.1	85	0.00
38 T	Carbon Tetrachloride	50.000	48.872	2.3	82	0.00
39 T	Methylcyclohexane	50.000	46.696	6.6	82	0.00
40 TM	Benzene	50.000	49.280	1.4	86	0.00
41 T	Methacrylonitrile	50.000	51.124	-2.2	88	0.00
42 TM	1,2-Dichloroethane	50.000	48.807	2.4	83	0.00
43 T	Isopropyl Acetate	50.000	52.299	-4.6	88	0.00
44 TM	Trichloroethene	50.000	52.856	-5.7	94	0.00
45 C	1,2-Dichloropropane	50.000	51.604	-3.2#	89	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	49.266	1.5	86	0.00
47 T	Bromodichloromethane	50.000	52.183	-4.4	88	0.00
48 T	Methyl methacrylate	50.000	51.870	-3.7	85	0.00
49 T	1,4-Dioxane	1000.000	893.893	10.6	76	0.00
50 S	Toluene-d8	50.000	49.441	1.1	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.987	-4.4	87	0.00
52 CM	Toluene	50.000	50.923	-1.8#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	51.453	-2.9	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.856	-1.7	86	0.00
55 T	1,1,2-Trichloroethane	50.000	52.139	-4.3	90	0.00
56 T	Ethyl methacrylate	50.000	49.322	1.4	90	0.00
57 T	1,3-Dichloropropane	50.000	51.178	-2.4	88	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.630	4.5	78	0.00
59 T	2-Hexanone	250.000	265.996	-6.4	87	0.00
60 T	Dibromochloromethane	50.000	53.534	-7.1	88	0.00
61 T	1,2-Dibromoethane	50.000	50.963	-1.9	87	0.00
62 S	4-Bromofluorobenzene	50.000	50.797	-1.6	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	84.874	-69.7#	149	0.00
65 PM	Chlorobenzene	50.000	50.588	-1.2	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.549	-3.1	87	0.00
67 C	Ethyl Benzene	50.000	51.066	-2.1#	86	0.00
68 T	m/p-Xylenes	100.000	102.822	-2.8	86	0.00
69 T	o-Xylene	50.000	51.570	-3.1	88	0.00
70 T	Styrene	50.000	53.824	-7.6	88	0.00
71 P	Bromoform	50.000	47.250	5.5	88	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	52.964	-5.9	88	0.00
74 T	N-amyl acetate	50.000	54.993	-10.0	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.615	6.8	79	0.00
76 T	1,2,3-Trichloropropane	50.000	49.547	0.9	88	0.00
77 T	Bromobenzene	50.000	52.221	-4.4	88	0.00
78 T	n-propylbenzene	50.000	53.503	-7.0	87	0.00
79 T	2-Chlorotoluene	50.000	52.635	-5.3	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.107	-6.2	87	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.041	-0.1	81	0.00
82 T	4-Chlorotoluene	50.000	52.079	-4.2	87	0.00
83 T	tert-Butylbenzene	50.000	45.583	8.8	74	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.999	-6.0	86	0.00
85 T	sec-Butylbenzene	50.000	54.309	-8.6	89	0.00
86 T	p-Isopropyltoluene	50.000	53.854	-7.7	87	0.00
87 T	1,3-Dichlorobenzene	50.000	51.560	-3.1	87	0.00
88 T	1,4-Dichlorobenzene	50.000	51.081	-2.2	88	0.00
89 T	n-Butylbenzene	50.000	53.573	-7.1	86	0.00

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90 T	Hexachloroethane	50.000	53.109	-6.2	87	0.00
91 T	1,2-Dichlorobenzene	50.000	52.707	-5.4	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.436	3.1	84	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.654	-7.3	89	0.00
94 T	Hexachlorobutadiene	50.000	52.573	-5.1	90	0.00
95 T	Naphthalene	50.000	54.221	-8.4	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	54.420	-8.8	90	0.00

(#) = Out of Range

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