Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX090419\
Data File : VX012090.D
Acq On : 05 Sep 2019 09:52
Operator : SY/SP
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: Sep 05 14:55:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 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	67	0.00
2	T	Dichlorodifluoromethane	50.000	46.705	6.6	68	0.00
3	P	Chloromethane	50.000	57.365	-14.7	82	0.00
4	C	Vinyl Chloride	50.000	52.725	-5.5#	74	0.00
5	T	Bromomethane	50.000	65.648	-31.3#	94	0.00
6	T	Chloroethane	50.000	58.131	-16.3	83	0.00
7	T	Trichlorofluoromethane	50.000	50.818	-1.6	72	0.00
8	T	Diethyl Ether	50.000	64.624	-29.2#	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.678	2.6	69	0.00
10	T	Methyl Iodide	50.000	38.184	23.6#	56	0.00
11	T	Tert butyl alcohol	250.000	294.570	-17.8	89	0.00
12	CM	1,1-Dichloroethene	50.000	51.989	-4.0#	73	0.00
13	T	Acrolein	250.000	-1.000	100.4#	5	0.00
14	T	Allyl chloride	50.000	56.676	-13.4	79	0.00
15	T	Acrylonitrile	250.000	304.797	-21.9#	87	0.00
16	T	Acetone	250.000	242.747	2.9	69	0.00
17	T	Carbon Disulfide	50.000	55.768	-11.5	72	0.00
18	T	Methyl Acetate	50.000	109.980	-120.0#	165	0.00
19	T	Methyl tert-butyl Ether	50.000	61.865	-23.7#	88	0.00
20	T	Methylene Chloride	50.000	55.768	-11.5	84	0.00
21	T	trans-1,2-Dichloroethene	50.000	56.268	-12.5	77	0.00
22	T	Diisopropyl ether	50.000	61.426	-22.9#	88	0.00
23	T	Vinyl Acetate	250.000	234.804	6.1	64	0.00
24	P	1,1-Dichloroethane	50.000	58.867	-17.7	84	0.00
25	T	2-Butanone	250.000	294.950	-18.0	82	0.00
26	T	2,2-Dichloropropane	50.000	39.013	22.0#	56	0.00
27	T	cis-1,2-Dichloroethene	50.000	58.633	-17.3	83	0.00
28	T	Bromochloromethane	50.000	62.262	-24.5#	85	0.00
29	T	Tetrahydrofuran	250.000	312.660	-25.1#	89	0.00
30	C	Chloroform	50.000	59.529	-19.1#	86	0.00
31	T	Cyclohexane	50.000	48.140	3.7	68	0.00
32	T	1,1,1-Trichloroethane	50.000	56.111	-12.2	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.320	-14.6	78	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	47.644	4.7	73	0.00
36	T	1,1-Dichloropropene	50.000	47.556	4.9	74	0.00
37	T	Ethyl Acetate	50.000	51.916	-3.8	80	0.00
38	T	Carbon Tetrachloride	50.000	47.468	5.1	76	0.00
39	T	Methylcyclohexane	50.000	41.499	17.0	67	0.00
40	TM	Benzene	50.000	52.554	-5.1	83	0.00
41	T	Methacrylonitrile	50.000	56.457	-12.9	89	0.00
42	TM	1,2-Dichloroethane	50.000	57.797	-15.6	91	0.00
43	T	Isopropyl Acetate	50.000	53.561	-7.1	85	0.00
44	TM	Trichloroethene	50.000	50.984	-2.0	81	0.00
45	C	1,2-Dichloropropane	50.000	53.801	-7.6#	86	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	55.867	-11.7	89	0.00
47	T	Bromodichloromethane	50.000	54.504	-9.0	86	0.00
48	T	Methyl methacrylate	50.000	57.619	-15.2	91	0.00
49	T	1,4-Dioxane	1000.000	1145.791	-14.6	94	0.00
50	S	Toluene-d8	50.000	48.543	2.9	72	0.00
51	T	4-Methyl-2-Pentanone	250.000	278.668	-11.5	89	0.00
52	CM	Toluene	50.000	51.894	-3.8#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	49.286	1.4	78	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.076	1.8	78	0.00
55	T	1,1,2-Trichloroethane	50.000	53.342	-6.7	85	0.00
56	T	Ethyl methacrylate	50.000	53.647	-7.3	85	0.00
57	T	1,3-Dichloropropane	50.000	54.958	-9.9	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.649	-9.5	83	0.00
59	T	2-Hexanone	250.000	267.422	-7.0	86	0.00
60	T	Dibromochloromethane	50.000	54.293	-8.6	87	0.00
61	T	1,2-Dibromoethane	50.000	54.663	-9.3	87	0.00
62	S	4-Bromofluorobenzene	50.000	46.367	7.3	74	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	59.642	-19.3	98	0.00
65	PM	Chlorobenzene	50.000	51.403	-2.8	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.471	-4.9	87	0.00
67	C	Ethyl Benzene	50.000	50.018	-0.0#	81	0.00
68	T	m/p-Xylenes	100.000	100.569	-0.6	81	0.00
69	T	o-Xylene	50.000	51.558	-3.1	84	0.00
70	T	Styrene	50.000	52.246	-4.5	84	0.00
71	P	Bromoform	50.000	52.642	-5.3	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	47.265	5.5	81	0.00
74	T	N-amyl acetate	50.000	40.667	18.7	70	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.215	-0.4	88	0.00
76	T	1,2,3-Trichloropropane	50.000	54.738	-9.5	97	0.00
77	T	Bromobenzene	50.000	51.132	-2.3	87	0.00
78	T	n-propylbenzene	50.000	46.212	7.6	80	0.00
79	T	2-Chlorotoluene	50.000	48.789	2.4	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.283	3.4	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	37.510	25.0#	66	0.00
82	T	4-Chlorotoluene	50.000	49.377	1.2	84	0.00
83	T	tert-Butylbenzene	50.000	46.216	7.6	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.333	3.3	83	0.00
85	T	sec-Butylbenzene	50.000	45.387	9.2	79	0.00
86	T	p-Isopropyltoluene	50.000	43.076	13.8	75	0.00
87	T	1,3-Dichlorobenzene	50.000	48.979	2.0	87	0.00
88	T	1,4-Dichlorobenzene	50.000	50.519	-1.0	88	0.00
89	T	n-Butylbenzene	50.000	44.300	11.4	77	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	44.975	10.0	80	0.00
91 T	1,2-Dichlorobenzene	50.000	52.073	-4.1	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.552	-3.1	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.031	5.9	83	0.00
94 T	Hexachlorobutadiene	50.000	44.524	11.0	79	0.00
95 T	Naphthalene	50.000	51.780	-3.6	88	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.430	1.1	86	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6