Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
Data File : VD068845.D
Acq On : 12 Apr 2021 21:18
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Apr 13 01:13:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	94	0.00
2	T	Dichlorodifluoromethane	50.000	39.512	21.0	76	0.00
3	P	Chloromethane	50.000	38.501	23.0	75	0.00
4	C	Vinyl Chloride	50.000	39.939	20.1#	77	0.00
5	T	Bromomethane	50.000	43.004	14.0	88	0.00
6	T	Chloroethane	50.000	41.154	17.7	79	0.00
7	T	Trichlorofluoromethane	50.000	40.875	18.3	81	0.00
8	T	Diethyl Ether	50.000	44.764	10.5	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	38.690	22.6	70	0.00
10	T	Methyl Iodide	50.000	41.117	17.8	74	0.00
11	T	Tert butyl alcohol	250.000	204.852	18.1	75	0.00
12	CM	1,1-Dichloroethene	50.000	40.561	18.9#	74	0.00
13	T	Acrolein	250.000	132.473	47.0#	49	0.00
14	T	Allyl chloride	50.000	39.787	20.4	72	0.00
15	T	Acrylonitrile	250.000	217.041	13.2	80	0.00
16	T	Acetone	250.000	183.005	26.8#	69	0.00
17	T	Carbon Disulfide	50.000	38.197	23.6	68	0.00
18	T	Methyl Acetate	50.000	39.646	20.7	74	0.00
19	T	Methyl tert-butyl Ether	50.000	47.968	4.1	87	0.00
20	T	Methylene Chloride	50.000	43.764	12.5	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	43.655	12.7	82	0.00
22	T	Diisopropyl ether	50.000	43.420	13.2	79	0.00
23	T	Vinyl Acetate	250.000	227.311	9.1	79	0.00
24	P	1,1-Dichloroethane	50.000	43.398	13.2	82	0.00
25	T	2-Butanone	250.000	222.872	10.9	79	0.00
26	T	2,2-Dichloropropane	50.000	44.330	11.3	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.811	2.4	91	0.00
28	T	Bromochloromethane	50.000	39.165	21.7	73	0.00
29	T	Tetrahydrofuran	250.000	216.048	13.6	75	0.00
30	C	Chloroform	50.000	43.214	13.6#	82	0.00
31	T	Cyclohexane	50.000	38.086	23.8	73	0.00
32	T	1,1,1-Trichloroethane	50.000	42.988	14.0	81	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.266	13.5	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	48.314	3.4	88	0.00
36	T	1,1-Dichloropropene	50.000	45.051	9.9	81	0.00
37	T	Ethyl Acetate	50.000	48.942	2.1	92	0.00
38	T	Carbon Tetrachloride	50.000	46.761	6.5	83	0.00
39	T	Methylcyclohexane	50.000	46.705	6.6	80	0.00
40	TM	Benzene	50.000	45.661	8.7	82	0.00
41	T	Methacrylonitrile	50.000	41.516	17.0	90	0.00
42	TM	1,2-Dichloroethane	50.000	46.808	6.4	84	0.00
43	T	Isopropyl Acetate	50.000	46.494	7.0	82	0.00
44	TM	Trichloroethene	50.000	48.135	3.7	87	0.00
45	C	1,2-Dichloropropane	50.000	45.354	9.3#	82	0.00
46	T	Dibromomethane	50.000	48.119	3.8	85	0.00
47	T	Bromodichloromethane	50.000	47.517	5.0	86	0.00
48	T	Methyl methacrylate	50.000	44.851	10.3	75	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1069.986	-7.0	92	0.00
50	S	Toluene-d8	50.000	48.861	2.3	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.149	5.5	80	0.00
52	CM	Toluene	50.000	48.463	3.1#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	49.219	1.6	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.913	2.2	86	0.00
55	T	1,1,2-Trichloroethane	50.000	48.798	2.4	87	0.00
56	T	Ethyl methacrylate	50.000	54.295	-8.6	90	0.00
57	T	1,3-Dichloropropane	50.000	47.972	4.1	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.405	-1.4	89	0.00
59	T	2-Hexanone	250.000	238.172	4.7	79	0.00
60	T	Dibromochloromethane	50.000	49.089	1.8	88	0.00
61	T	1,2-Dibromoethane	50.000	49.903	0.2	90	0.00
62	S	4-Bromofluorobenzene	50.000	51.184	-2.4	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	47.509	5.0	90	0.00
65	PM	Chlorobenzene	50.000	47.791	4.4	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.901	2.2	90	0.00
67	C	Ethyl Benzene	50.000	47.805	4.4#	85	0.00
68	T	m/p-Xylenes	100.000	95.354	4.6	86	0.00
69	T	o-Xylene	50.000	50.331	-0.7	89	0.00
70	T	Styrene	50.000	49.243	1.5	86	0.00
71	P	Bromoform	50.000	48.684	2.6	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	48.977	2.0	87	0.00
74	T	N-amyl acetate	50.000	46.961	6.1	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.551	10.9	82	0.00
76	T	1,2,3-Trichloropropane	50.000	43.457	13.1	81	0.00
77	T	Bromobenzene	50.000	49.395	1.2	92	0.00
78	T	n-propylbenzene	50.000	46.351	7.3	82	0.00
79	T	2-Chlorotoluene	50.000	47.711	4.6	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.364	3.3	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.303	11.4	76	0.00
82	T	4-Chlorotoluene	50.000	46.692	6.6	85	0.00
83	T	tert-Butylbenzene	50.000	48.725	2.5	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.750	2.5	85	0.00
85	T	sec-Butylbenzene	50.000	48.070	3.9	84	0.00
86	T	p-Isopropyltoluene	50.000	48.448	3.1	85	0.00
87	T	1,3-Dichlorobenzene	50.000	47.269	5.5	86	0.00
88	T	1,4-Dichlorobenzene	50.000	47.295	5.4	87	0.00
89	T	n-Butylbenzene	50.000	47.018	6.0	82	0.00
90	T	Hexachloroethane	50.000	44.794	10.4	82	0.00
91	T	1,2-Dichlorobenzene	50.000	46.992	6.0	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.574	10.9	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.637	-3.3	94	0.00
94	T	Hexachlorobutadiene	50.000	47.939	4.1	84	0.00
95	T	Naphthalene	50.000	54.737	-9.5	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.709	0.6	88	0.00

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