Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
Data File : VD070899.D
Acq On : 28 Oct 2021 18:44
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Oct 29 06:36:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 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	114	0.00
2	T	Dichlorodifluoromethane	50.000	38.252	23.5	93	0.00
3	P	Chloromethane	50.000	42.361	15.3	97	0.00
4	C	Vinyl Chloride	50.000	42.350	15.3#	97	0.00
5	T	Bromomethane	50.000	41.150	17.7	91	0.00
6	T	Chloroethane	50.000	34.397	31.2#	80	0.00
7	T	Trichlorofluoromethane	50.000	39.981	20.0	93	0.00
8	T	Diethyl Ether	50.000	51.058	-2.1	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	40.858	18.3	98	0.00
10	T	Methyl Iodide	50.000	46.042	7.9	98	0.00
11	T	Tert butyl alcohol	250.000	243.208	2.7	119	0.00
12	CM	1,1-Dichloroethene	50.000	45.446	9.1#	100	0.00
13	T	Acrolein	250.000	244.142	2.3	111	0.00
14	T	Allyl chloride	50.000	47.561	4.9	99	0.00
15	T	Acrylonitrile	250.000	245.534	1.8	107	0.00
16	T	Acetone	250.000	188.734	24.5	76	0.00
17	T	Carbon Disulfide	50.000	44.366	11.3	97	0.00
18	T	Methyl Acetate	50.000	54.457	-8.9	125	0.00
19	T	Methyl tert-butyl Ether	50.000	52.738	-5.5	111	0.00
20	T	Methylene Chloride	50.000	51.075	-2.2	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.841	4.3	103	0.00
22	T	Diisopropyl ether	50.000	49.919	0.2	102	0.00
23	T	Vinyl Acetate	250.000	216.571	13.4	97	0.00
24	P	1,1-Dichloroethane	50.000	45.737	8.5	103	0.00
25	T	2-Butanone	250.000	227.248	9.1	95	0.00
26	T	2,2-Dichloropropane	50.000	42.086	15.8	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.274	-0.5	109	0.00
28	T	Bromochloromethane	50.000	49.591	0.8	109	0.00
29	T	Tetrahydrofuran	250.000	249.510	0.2	106	0.00
30	C	Chloroform	50.000	45.900	8.2#	104	0.00
31	T	Cyclohexane	50.000	41.930	16.1	93	0.00
32	T	1,1,1-Trichloroethane	50.000	43.762	12.5	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.607	2.8	116	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	120	0.00
35	S	Dibromofluoromethane	50.000	50.571	-1.1	122	0.00
36	T	1,1-Dichloropropene	50.000	44.296	11.4	98	0.00
37	T	Ethyl Acetate	50.000	45.128	9.7	98	0.00
38	T	Carbon Tetrachloride	50.000	41.376	17.2	96	0.00
39	T	Methylcyclohexane	50.000	44.223	11.6	96	0.00
40	TM	Benzene	50.000	46.363	7.3	103	0.00
41	T	Methacrylonitrile	50.000	49.849	0.3	126	0.00
42	TM	1,2-Dichloroethane	50.000	45.223	9.6	106	0.00
43	T	Isopropyl Acetate	50.000	45.237	9.5	102	0.00
44	TM	Trichloroethene	50.000	46.677	6.6	110	0.00
45	C	1,2-Dichloropropane	50.000	45.987	8.0#	105	0.00
46	T	Dibromomethane	50.000	47.666	4.7	109	0.00
47	T	Bromodichloromethane	50.000	45.082	9.8	106	0.00
48	T	Methyl methacrylate	50.000	45.109	9.8	95	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1028.919	-2.9	115	0.00
50	S	Toluene-d8	50.000	50.603	-1.2	118	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.309	3.1	105	0.00
52	CM	Toluene	50.000	48.908	2.2#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	49.013	2.0	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.063	5.9	108	0.00
55	T	1,1,2-Trichloroethane	50.000	47.174	5.7	111	0.00
56	T	Ethyl methacrylate	50.000	47.764	4.5	113	0.00
57	T	1,3-Dichloropropane	50.000	47.985	4.0	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	258.597	-3.4	122	0.00
59	T	2-Hexanone	250.000	230.853	7.7	96	0.00
60	T	Dibromochloromethane	50.000	47.677	4.6	110	0.00
61	T	1,2-Dibromoethane	50.000	49.386	1.2	112	0.00
62	S	4-Bromofluorobenzene	50.000	53.194	-6.4	125	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64	T	Tetrachloroethene	50.000	48.547	2.9	109	0.00
65	PM	Chlorobenzene	50.000	48.420	3.2	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.633	4.7	109	0.00
67	C	Ethyl Benzene	50.000	48.568	2.9#	105	0.00
68	T	m/p-Xylenes	100.000	100.496	-0.5	107	0.00
69	T	o-Xylene	50.000	50.695	-1.4	109	0.00
70	T	Styrene	50.000	51.517	-3.0	108	0.00
71	P	Bromoform	50.000	49.877	0.2	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	118	0.00
73	T	Isopropylbenzene	50.000	50.269	-0.5	106	0.00
74	T	N-amyl acetate	50.000	44.737	10.5	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.380	7.2	108	0.00
76	T	1,2,3-Trichloropropane	50.000	41.082	17.8	91	0.00
77	T	Bromobenzene	50.000	49.903	0.2	112	0.00
78	T	n-propylbenzene	50.000	48.580	2.8	103	0.00
79	T	2-Chlorotoluene	50.000	48.905	2.2	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.552	0.9	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.727	4.5	103	0.00
82	T	4-Chlorotoluene	50.000	49.367	1.3	108	0.00
83	T	tert-Butylbenzene	50.000	49.931	0.1	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.841	-1.7	106	0.00
85	T	sec-Butylbenzene	50.000	47.969	4.1	103	0.00
86	T	p-Isopropyltoluene	50.000	50.000	0.0	106	0.00
87	T	1,3-Dichlorobenzene	50.000	47.978	4.0	109	0.00
88	T	1,4-Dichlorobenzene	50.000	47.657	4.7	109	0.00
89	T	n-Butylbenzene	50.000	45.512	9.0	99	0.00
90	T	Hexachloroethane	50.000	42.817	14.4	102	0.00
91	T	1,2-Dichlorobenzene	50.000	49.221	1.6	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.550	16.9	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.949	-3.9	118	0.00
94	T	Hexachlorobutadiene	50.000	48.132	3.7	114	0.00
95	T	Naphthalene	50.000	45.653	8.7	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.747	-5.5	115	0.00

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