Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
Data File : VD070764.D
Acq On : 19 Oct 2021 17:51
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 20 04:42:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	43.067	13.9	74	0.00
3	P	Chloromethane	50.000	48.645	2.7	85	0.00
4	C	Vinyl Chloride	50.000	45.917	8.2#	79	0.00
5	T	Bromomethane	50.000	47.175	5.7	87	0.00
6	T	Chloroethane	50.000	47.774	4.5	82	0.00
7	T	Trichlorofluoromethane	50.000	44.474	11.1	77	0.00
8	T	Diethyl Ether	50.000	54.603	-9.2	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.617	10.8	78	0.00
10	T	Methyl Iodide	50.000	46.158	7.7	78	0.00
11	T	Tert butyl alcohol	250.000	229.550	8.2	83	0.00
12	CM	1,1-Dichloroethene	50.000	47.087	5.8#	82	0.00
13	T	Acrolein	250.000	288.452	-15.4	109	0.00
14	T	Allyl chloride	50.000	50.516	-1.0	83	0.00
15	T	Acrylonitrile	250.000	262.171	-4.9	87	0.00
16	T	Acetone	250.000	208.078	16.8	65	0.00
17	T	Carbon Disulfide	50.000	48.772	2.5	81	0.00
18	T	Methyl Acetate	50.000	50.637	-1.3	87	0.00
19	T	Methyl tert-butyl Ether	50.000	55.356	-10.7	88	0.00
20	T	Methylene Chloride	50.000	52.387	-4.8	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.710	-3.4	85	0.00
22	T	Diisopropyl ether	50.000	55.629	-11.3	87	0.00
23	T	Vinyl Acetate	250.000	238.935	4.4	82	0.00
24	P	1,1-Dichloroethane	50.000	51.043	-2.1	87	0.00
25	T	2-Butanone	250.000	243.409	2.6	79	0.00
26	T	2,2-Dichloropropane	50.000	46.508	7.0	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.193	-6.4	88	0.00
28	T	Bromochloromethane	50.000	51.107	-2.2	90	0.00
29	T	Tetrahydrofuran	250.000	267.468	-7.0	86	0.00
30	C	Chloroform	50.000	50.825	-1.7#	88	0.00
31	T	Cyclohexane	50.000	43.391	13.2	74	0.00
32	T	1,1,1-Trichloroethane	50.000	48.584	2.8	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.919	-5.8	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	51.490	-3.0	95	0.00
36	T	1,1-Dichloropropene	50.000	47.927	4.1	84	0.00
37	T	Ethyl Acetate	50.000	50.589	-1.2	83	0.00
38	T	Carbon Tetrachloride	50.000	45.887	8.2	80	0.00
39	T	Methylcyclohexane	50.000	45.294	9.4	74	0.00
40	TM	Benzene	50.000	50.121	-0.2	87	0.00
41	T	Methacrylonitrile	50.000	46.461	7.1	76	0.00
42	TM	1,2-Dichloroethane	50.000	49.639	0.7	87	0.00
43	T	Isopropyl Acetate	50.000	49.314	1.4	83	0.00
44	TM	Trichloroethene	50.000	49.694	0.6	89	0.00
45	C	1,2-Dichloropropane	50.000	51.330	-2.7#	89	0.00
46	T	Dibromomethane	50.000	48.824	2.4	85	0.00
47	T	Bromodichloromethane	50.000	50.351	-0.7	90	0.00
48	T	Methyl methacrylate	50.000	48.679	2.6	81	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1003.754	-0.4	86	0.00
50	S	Toluene-d8	50.000	51.764	-3.5	93	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.045	-2.8	85	0.00
52	CM	Toluene	50.000	52.044	-4.1#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	49.272	1.5	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.016	-0.0	88	0.00
55	T	1,1,2-Trichloroethane	50.000	49.804	0.4	88	0.00
56	T	Ethyl methacrylate	50.000	46.939	6.1	88	0.00
57	T	1,3-Dichloropropane	50.000	51.126	-2.3	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.394	-1.0	87	0.00
59	T	2-Hexanone	250.000	248.011	0.8	80	0.00
60	T	Dibromochloromethane	50.000	50.802	-1.6	90	0.00
61	T	1,2-Dibromoethane	50.000	49.473	1.1	86	0.00
62	S	4-Bromofluorobenzene	50.000	53.878	-7.8	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	47.132	5.7	87	0.00
65	PM	Chlorobenzene	50.000	49.325	1.3	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.080	-0.2	92	0.00
67	C	Ethyl Benzene	50.000	51.008	-2.0#	88	0.00
68	T	m/p-Xylenes	100.000	101.928	-1.9	87	0.00
69	T	o-Xylene	50.000	51.624	-3.2	89	0.00
70	T	Styrene	50.000	53.750	-7.5	90	0.00
71	P	Bromoform	50.000	49.105	1.8	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	49.126	1.7	85	0.00
74	T	N-amyl acetate	50.000	49.101	1.8	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.804	4.4	87	0.00
76	T	1,2,3-Trichloropropane	50.000	60.456	-20.9	135	0.00
77	T	Bromobenzene	50.000	49.727	0.5	88	0.00
78	T	n-propylbenzene	50.000	49.003	2.0	84	0.00
79	T	2-Chlorotoluene	50.000	50.398	-0.8	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.023	-2.0	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.230	9.5	79	0.00
82	T	4-Chlorotoluene	50.000	50.045	-0.1	89	0.00
83	T	tert-Butylbenzene	50.000	49.155	1.7	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.901	-3.8	88	0.00
85	T	sec-Butylbenzene	50.000	48.041	3.9	83	0.00
86	T	p-Isopropyltoluene	50.000	49.062	1.9	84	0.00
87	T	1,3-Dichlorobenzene	50.000	48.983	2.0	90	0.00
88	T	1,4-Dichlorobenzene	50.000	48.332	3.3	90	0.00
89	T	n-Butylbenzene	50.000	47.925	4.2	82	0.00
90	T	Hexachloroethane	50.000	45.617	8.8	86	0.00
91	T	1,2-Dichlorobenzene	50.000	49.178	1.6	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.086	11.8	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.202	-0.4	89	0.00
94	T	Hexachlorobutadiene	50.000	44.582	10.8	81	0.00
95	T	Naphthalene	50.000	45.476	9.0	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.927	0.1	87	0.00

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