Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
Data File : VD070671.D
Acq On : 12 Oct 2021 11:06
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Oct 13 06:33:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	43.090	13.8	73	0.00
3	P	Chloromethane	50.000	42.840	14.3	75	0.00
4	C	Vinyl Chloride	50.000	44.226	11.5#	75	0.00
5	T	Bromomethane	50.000	47.857	4.3	79	0.00
6	T	Chloroethane	50.000	41.334	17.3	69	0.00
7	T	Trichlorofluoromethane	50.000	45.984	8.0	78	0.00
8	T	Diethyl Ether	50.000	44.473	11.1	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.880	8.2	79	0.00
10	T	Methyl Iodide	50.000	41.604	16.8	65	0.00
11	T	Tert butyl alcohol	250.000	203.621	18.6	67	0.00
12	CM	1,1-Dichloroethene	50.000	44.673	10.7#	74	0.00
13	T	Acrolein	250.000	263.384	-5.4	84	0.00
14	T	Allyl chloride	50.000	42.849	14.3	68	0.00
15	T	Acrylonitrile	250.000	243.202	2.7	75	0.00
16	T	Acetone	250.000	293.797	-17.5	88	0.00
17	T	Carbon Disulfide	50.000	43.634	12.7	73	0.00
18	T	Methyl Acetate	50.000	45.916	8.2	73	0.00
19	T	Methyl tert-butyl Ether	50.000	48.731	2.5	72	0.00
20	T	Methylene Chloride	50.000	46.174	7.7	74	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.684	4.6	77	0.00
22	T	Diisopropyl ether	50.000	48.469	3.1	72	0.00
23	T	Vinyl Acetate	250.000	246.178	1.5	71	0.00
24	P	1,1-Dichloroethane	50.000	45.184	9.6	75	0.00
25	T	2-Butanone	250.000	259.759	-3.9	78	0.00
26	T	2,2-Dichloropropane	50.000	47.011	6.0	79	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.032	3.9	76	0.00
28	T	Bromochloromethane	50.000	50.134	-0.3	82	0.00
29	T	Tetrahydrofuran	250.000	246.737	1.3	73	0.00
30	C	Chloroform	50.000	46.788	6.4#	78	0.00
31	T	Cyclohexane	50.000	43.844	12.3	72	0.00
32	T	1,1,1-Trichloroethane	50.000	46.485	7.0	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.736	4.5	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	53.180	-6.4	86	0.00
36	T	1,1-Dichloropropene	50.000	51.328	-2.7	76	0.00
37	T	Ethyl Acetate	50.000	51.736	-3.5	74	0.00
38	T	Carbon Tetrachloride	50.000	51.905	-3.8	81	0.00
39	T	Methylcyclohexane	50.000	50.932	-1.9	73	0.00
40	TM	Benzene	50.000	49.582	0.8	75	0.00
41	T	Methacrylonitrile	50.000	53.101	-6.2	78	0.00
42	TM	1,2-Dichloroethane	50.000	50.709	-1.4	76	0.00
43	T	Isopropyl Acetate	50.000	51.364	-2.7	73	0.00
44	TM	Trichloroethene	50.000	49.418	1.2	76	0.00
45	C	1,2-Dichloropropane	50.000	50.513	-1.0#	75	0.00
46	T	Dibromomethane	50.000	50.968	-1.9	76	0.00
47	T	Bromodichloromethane	50.000	50.755	-1.5	77	0.00
48	T	Methyl methacrylate	50.000	54.246	-8.5	74	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1127.415	-12.7	81	0.00
50	S	Toluene-d8	50.000	53.530	-7.1	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	273.646	-9.5	74	0.00
52	CM	Toluene	50.000	53.357	-6.7#	77	0.00
53	T	t-1,3-Dichloropropene	50.000	51.387	-2.8	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.242	-0.5	74	0.00
55	T	1,1,2-Trichloroethane	50.000	52.839	-5.7	80	0.00
56	T	Ethyl methacrylate	50.000	48.707	2.6	72	0.00
57	T	1,3-Dichloropropane	50.000	52.930	-5.9	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	289.932	-16.0	82	0.00
59	T	2-Hexanone	250.000	276.318	-10.5	78	0.00
60	T	Dibromochloromethane	50.000	52.087	-4.2	78	0.00
61	T	1,2-Dibromoethane	50.000	52.004	-4.0	78	0.00
62	S	4-Bromofluorobenzene	50.000	53.895	-7.8	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	50.182	-0.4	79	0.00
65	PM	Chlorobenzene	50.000	49.376	1.2	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.739	0.5	78	0.00
67	C	Ethyl Benzene	50.000	52.246	-4.5#	77	0.00
68	T	m/p-Xylenes	100.000	106.246	-6.2	78	0.00
69	T	o-Xylene	50.000	53.347	-6.7	77	0.00
70	T	Styrene	50.000	54.974	-9.9	79	0.00
71	P	Bromoform	50.000	53.535	-7.1	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	50.127	-0.3	77	0.00
74	T	N-amyl acetate	50.000	49.366	1.3	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.231	3.5	79	0.00
76	T	1,2,3-Trichloropropane	50.000	56.112	-12.2	92	0.00
77	T	Bromobenzene	50.000	49.094	1.8	79	0.00
78	T	n-propylbenzene	50.000	51.440	-2.9	79	0.00
79	T	2-Chlorotoluene	50.000	49.686	0.6	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.977	-4.0	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.727	2.5	74	0.00
82	T	4-Chlorotoluene	50.000	50.524	-1.0	80	0.00
83	T	tert-Butylbenzene	50.000	51.090	-2.2	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.296	-4.6	79	0.00
85	T	sec-Butylbenzene	50.000	51.052	-2.1	78	0.00
86	T	p-Isopropyltoluene	50.000	51.947	-3.9	78	0.00
87	T	1,3-Dichlorobenzene	50.000	49.458	1.1	80	0.00
88	T	1,4-Dichlorobenzene	50.000	48.721	2.6	80	0.00
89	T	n-Butylbenzene	50.000	51.004	-2.0	78	0.00
90	T	Hexachloroethane	50.000	47.017	6.0	79	0.00
91	T	1,2-Dichlorobenzene	50.000	49.960	0.1	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.411	7.2	76	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.191	-2.4	80	0.00
94	T	Hexachlorobutadiene	50.000	51.170	-2.3	83	0.00
95	T	Naphthalene	50.000	45.952	8.1	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.211	-2.4	79	0.00

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