Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
Data File : VD070626.D
Acq On : 07 Oct 2021 19:34
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Oct 08 04:55:13 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	41.708	16.6	65	0.00
3	P	Chloromethane	50.000	48.649	2.7	78	0.00
4	C	Vinyl Chloride	50.000	45.813	8.4#	71	0.00
5	T	Bromomethane	50.000	49.553	0.9	75	0.00
6	T	Chloroethane	50.000	46.287	7.4	72	0.00
7	T	Trichlorofluoromethane	50.000	45.416	9.2	71	0.00
8	T	Diethyl Ether	50.000	52.853	-5.7	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.999	10.0	71	0.00
10	T	Methyl Iodide	50.000	44.601	10.8	64	-0.01
11	T	Tert butyl alcohol	250.000	265.496	-6.2	80	0.00
12	CM	1,1-Dichloroethene	50.000	46.526	6.9#	71	0.00
13	T	Acrolein	250.000	294.493	-17.8	86	0.00
14	T	Allyl chloride	50.000	48.002	4.0	70	0.00
15	T	Acrylonitrile	250.000	288.380	-15.4	82	0.00
16	T	Acetone	250.000	237.474	5.0	66	0.00
17	T	Carbon Disulfide	50.000	46.560	6.9	72	0.00
18	T	Methyl Acetate	50.000	58.783	-17.6	86	0.00
19	T	Methyl tert-butyl Ether	50.000	58.069	-16.1	79	0.00
20	T	Methylene Chloride	50.000	57.928	-15.9	82	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.464	-2.9	76	0.00
22	T	Diisopropyl ether	50.000	57.429	-14.9	78	0.00
23	T	Vinyl Acetate	250.000	272.667	-9.1	72	0.00
24	P	1,1-Dichloroethane	50.000	50.122	-0.2	76	0.00
25	T	2-Butanone	250.000	280.257	-12.1	78	0.00
26	T	2,2-Dichloropropane	50.000	44.638	10.7	69	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.298	-8.6	79	0.00
28	T	Bromochloromethane	50.000	56.800	-13.6	85	0.00
29	T	Tetrahydrofuran	250.000	299.630	-19.9	82	0.00
30	C	Chloroform	50.000	52.473	-4.9#	81	0.00
31	T	Cyclohexane	50.000	43.405	13.2	65	0.00
32	T	1,1,1-Trichloroethane	50.000	49.933	0.1	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.397	-10.8	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	54.223	-8.4	90	0.00
36	T	1,1-Dichloropropene	50.000	47.753	4.5	72	0.00
37	T	Ethyl Acetate	50.000	54.319	-8.6	79	0.00
38	T	Carbon Tetrachloride	50.000	46.386	7.2	74	0.00
39	T	Methylcyclohexane	50.000	44.100	11.8	64	0.00
40	TM	Benzene	50.000	51.059	-2.1	78	0.00
41	T	Methacrylonitrile	50.000	62.850	-25.7#	93	0.00
42	TM	1,2-Dichloroethane	50.000	52.342	-4.7	80	0.00
43	T	Isopropyl Acetate	50.000	53.981	-8.0	78	0.00
44	TM	Trichloroethene	50.000	49.166	1.7	77	0.00
45	C	1,2-Dichloropropane	50.000	51.832	-3.7#	78	0.00
46	T	Dibromomethane	50.000	54.380	-8.8	83	0.00
47	T	Bromodichloromethane	50.000	52.886	-5.8	82	0.00
48	T	Methyl methacrylate	50.000	51.481	-3.0	71	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1168.589	-16.9	85	0.00
50	S	Toluene-d8	50.000	54.897	-9.8	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	296.014	-18.4	82	0.00
52	CM	Toluene	50.000	53.267	-6.5#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	47.935	4.1	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.202	3.6	72	0.00
55	T	1,1,2-Trichloroethane	50.000	54.906	-9.8	84	0.00
56	T	Ethyl methacrylate	50.000	52.627	-5.3	79	0.00
57	T	1,3-Dichloropropane	50.000	55.022	-10.0	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	300.891	-20.4	87	0.00
59	T	2-Hexanone	250.000	273.330	-9.3	79	0.00
60	T	Dibromochloromethane	50.000	54.266	-8.5	83	0.00
61	T	1,2-Dibromoethane	50.000	54.797	-9.6	83	0.00
62	S	4-Bromofluorobenzene	50.000	55.389	-10.8	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	48.277	3.4	79	0.00
65	PM	Chlorobenzene	50.000	50.067	-0.1	81	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.453	-0.9	82	0.00
67	C	Ethyl Benzene	50.000	50.662	-1.3#	77	0.00
68	T	m/p-Xylenes	100.000	103.698	-3.7	79	0.00
69	T	o-Xylene	50.000	52.935	-5.9	79	0.00
70	T	Styrene	50.000	54.579	-9.2	81	0.00
71	P	Bromoform	50.000	53.940	-7.9	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	47.785	4.4	76	0.00
74	T	N-amyl acetate	50.000	51.326	-2.7	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.144	-0.3	85	0.00
76	T	1,2,3-Trichloropropane	50.000	61.930	-23.9	105	0.00
77	T	Bromobenzene	50.000	49.842	0.3	83	0.00
78	T	n-propylbenzene	50.000	47.496	5.0	76	0.00
79	T	2-Chlorotoluene	50.000	48.132	3.7	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.578	0.8	78	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.580	16.8	66	0.00
82	T	4-Chlorotoluene	50.000	49.538	0.9	81	0.00
83	T	tert-Butylbenzene	50.000	47.478	5.0	76	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.534	-1.1	79	0.00
85	T	sec-Butylbenzene	50.000	46.538	6.9	74	0.00
86	T	p-Isopropyltoluene	50.000	47.523	5.0	74	0.00
87	T	1,3-Dichlorobenzene	50.000	48.779	2.4	82	0.00
88	T	1,4-Dichlorobenzene	50.000	47.453	5.1	81	0.00
89	T	n-Butylbenzene	50.000	44.811	10.4	71	0.00
90	T	Hexachloroethane	50.000	45.290	9.4	79	0.00
91	T	1,2-Dichlorobenzene	50.000	50.512	-1.0	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.498	-1.0	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.803	2.4	79	0.00
94	T	Hexachlorobutadiene	50.000	45.603	8.8	77	0.00
95	T	Naphthalene	50.000	47.843	4.3	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.149	1.7	78	0.00

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