Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
Data File : VD074923.D
Acq On : 12 Nov 2022 08:20
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Nov 14 01:01:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
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	67	0.00
2	T	Dichlorodifluoromethane	50.000	52.784	-5.6	73	0.00
3	P	Chloromethane	50.000	62.503	-25.0#	79	0.00
4	C	Vinyl Chloride	50.000	53.993	-8.0#	75	0.00
5	T	Bromomethane	50.000	59.531	-19.1	83	0.00
6	T	Chloroethane	50.000	57.597	-15.2	81	0.00
7	T	Trichlorofluoromethane	50.000	54.750	-9.5	78	0.00
8	T	Diethyl Ether	50.000	60.064	-20.1	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.299	-10.6	78	0.00
10	T	Methyl Iodide	50.000	52.450	-4.9	76	0.00
11	T	Tert butyl alcohol	250.000	306.752	-22.7	85	0.00
12	CM	1,1-Dichloroethene	50.000	57.252	-14.5#	79	0.00
13	T	Acrolein	250.000	239.353	4.3	68	0.00
14	T	Allyl chloride	50.000	54.753	-9.5	73	0.00
15	T	Acrylonitrile	250.000	320.679	-28.3#	86	0.00
16	T	Acetone	250.000	235.535	5.8	65	0.00
17	T	Carbon Disulfide	50.000	54.761	-9.5	77	0.00
18	T	Methyl Acetate	50.000	63.186	-26.4#	90	0.00
19	T	Methyl tert-butyl Ether	50.000	63.165	-26.3#	84	0.00
20	T	Methylene Chloride	50.000	70.294	-40.6#	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	58.500	-17.0	79	0.00
22	T	Diisopropyl ether	50.000	61.971	-23.9	80	0.00
23	T	Vinyl Acetate	250.000	259.243	-3.7	66	0.00
24	P	1,1-Dichloroethane	50.000	58.847	-17.7	80	0.00
25	T	2-Butanone	250.000	283.453	-13.4	79	0.00
26	T	2,2-Dichloropropane	50.000	49.579	0.8	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	60.534	-21.1	82	0.00
28	T	Bromochloromethane	50.000	64.571	-29.1#	87	0.00
29	T	Tetrahydrofuran	250.000	332.251	-32.9#	87	-0.01
30	C	Chloroform	50.000	61.586	-23.2#	84	0.00
31	T	Cyclohexane	50.000	45.567	8.9	65	0.00
32	T	1,1,1-Trichloroethane	50.000	53.634	-7.3	72	0.00
33	S	1,2-Dichloroethane-d4	50.000	60.808	-21.6	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	47.258	5.5	75	0.00
36	T	1,1-Dichloropropene	50.000	46.784	6.4	70	0.00
37	T	Ethyl Acetate	50.000	56.841	-13.7	85	0.00
38	T	Carbon Tetrachloride	50.000	45.688	8.6	69	0.00
39	T	Methylcyclohexane	50.000	49.080	1.8	74	0.00
40	TM	Benzene	50.000	49.995	0.0	73	0.00
41	T	Methacrylonitrile	50.000	55.178	-10.4	84	0.00
42	TM	1,2-Dichloroethane	50.000	52.166	-4.3	75	0.00
43	T	Isopropyl Acetate	50.000	53.188	-6.4	80	0.00
44	TM	Trichloroethene	50.000	52.562	-5.1	81	0.00
45	C	1,2-Dichloropropane	50.000	53.994	-8.0#	81	0.00
46	T	Dibromomethane	50.000	56.476	-13.0	88	0.00
47	T	Bromodichloromethane	50.000	55.763	-11.5	85	0.00
48	T	Methyl methacrylate	50.000	53.014	-6.0	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1233.537	-23.4	90	0.00
50	S	Toluene-d8	50.000	50.788	-1.6	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	303.292	-21.3	88	0.00
52	CM	Toluene	50.000	56.266	-12.5#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	54.425	-8.8	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.160	-6.3	78	0.00
55	T	1,1,2-Trichloroethane	50.000	58.451	-16.9	87	0.00
56	T	Ethyl methacrylate	50.000	53.142	-6.3	86	0.00
57	T	1,3-Dichloropropane	50.000	57.108	-14.2	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	243.377	2.6	82	0.00
59	T	2-Hexanone	250.000	292.371	-16.9	85	0.00
60	T	Dibromochloromethane	50.000	58.799	-17.6	87	0.00
61	T	1,2-Dibromoethane	50.000	58.786	-17.6	89	0.00
62	S	4-Bromofluorobenzene	50.000	53.841	-7.7	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	49.155	1.7	85	0.00
65	PM	Chlorobenzene	50.000	49.916	0.2	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.945	-1.9	86	0.00
67	C	Ethyl Benzene	50.000	50.348	-0.7#	82	0.00
68	T	m/p-Xylenes	100.000	102.331	-2.3	83	0.00
69	T	o-Xylene	50.000	51.121	-2.2	81	0.00
70	T	Styrene	50.000	53.748	-7.5	85	0.00
71	P	Bromoform	50.000	56.891	-13.8	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	49.550	0.9	83	0.00
74	T	N-amyl acetate	50.000	50.379	-0.8	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.059	-4.1	91	0.00
76	T	1,2,3-Trichloropropane	50.000	42.879	14.2	79	0.00
77	T	Bromobenzene	50.000	50.419	-0.8	88	0.00
78	T	n-propylbenzene	50.000	48.813	2.4	82	0.00
79	T	2-Chlorotoluene	50.000	48.783	2.4	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.427	1.1	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.952	10.1	80	0.00
82	T	4-Chlorotoluene	50.000	49.113	1.8	84	0.00
83	T	tert-Butylbenzene	50.000	48.631	2.7	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.842	0.3	84	0.00
85	T	sec-Butylbenzene	50.000	48.267	3.5	83	0.00
86	T	p-Isopropyltoluene	50.000	49.220	1.6	83	0.00
87	T	1,3-Dichlorobenzene	50.000	49.680	0.6	87	0.00
88	T	1,4-Dichlorobenzene	50.000	48.729	2.5	86	0.00
89	T	n-Butylbenzene	50.000	46.405	7.2	78	0.00
90	T	Hexachloroethane	50.000	48.444	3.1	84	0.00
91	T	1,2-Dichlorobenzene	50.000	51.262	-2.5	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.030	-2.1	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.474	3.1	84	0.00
94	T	Hexachlorobutadiene	50.000	47.553	4.9	86	0.00
95	T	Naphthalene	50.000	52.324	-4.6	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.873	-1.7	88	0.00

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