Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
Data File : VD074394.D
Acq On : 21 Sep 2022 17:41
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 22 05:13:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 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	79	0.00
2	T	Dichlorodifluoromethane	50.000	43.100	13.8	71	0.00
3	P	Chloromethane	50.000	62.106	-24.2	97	0.00
4	C	Vinyl Chloride	50.000	39.476	21.0#	59	0.00
5	T	Bromomethane	50.000	17.776	64.4#	29	0.00
6	T	Chloroethane	50.000	42.882	14.2	65	0.00
7	T	Trichlorofluoromethane	50.000	45.303	9.4	69	-0.01
8	T	Diethyl Ether	50.000	51.349	-2.7	81	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.043	-0.1	79	0.00
10	T	Methyl Iodide	50.000	25.710	48.6#	36	0.00
11	T	Tert butyl alcohol	250.000	411.919	-64.8#	141	-0.01
12	CM	1,1-Dichloroethene	50.000	48.112	3.8#	75	0.00
13	T	Acrolein	250.000	114.805	54.1#	39	-0.01
14	T	Allyl chloride	50.000	49.761	0.5	75	-0.01
15	T	Acrylonitrile	250.000	284.620	-13.8	86	-0.01
16	T	Acetone	250.000	231.505	7.4	73	0.00
17	T	Carbon Disulfide	50.000	40.045	19.9	60	-0.01
18	T	Methyl Acetate	50.000	55.092	-10.2	87	0.00
19	T	Methyl tert-butyl Ether	50.000	56.863	-13.7	88	0.00
20	T	Methylene Chloride	50.000	49.157	1.7	75	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.678	0.6	76	-0.01
22	T	Diisopropyl ether	50.000	56.642	-13.3	84	0.00
23	T	Vinyl Acetate	250.000	258.912	-3.6	82	0.00
24	P	1,1-Dichloroethane	50.000	53.708	-7.4	81	0.00
25	T	2-Butanone	250.000	257.397	-3.0	83	0.00
26	T	2,2-Dichloropropane	50.000	52.635	-5.3	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.455	-6.9	83	0.00
28	T	Bromochloromethane	50.000	54.283	-8.6	81	0.00
29	T	Tetrahydrofuran	250.000	277.868	-11.1	84	0.00
30	C	Chloroform	50.000	53.431	-6.9#	83	0.00
31	T	Cyclohexane	50.000	45.226	9.5	72	0.00
32	T	1,1,1-Trichloroethane	50.000	50.990	-2.0	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.493	-9.0	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35	S	Dibromofluoromethane	50.000	48.756	2.5	84	0.00
36	T	1,1-Dichloropropene	50.000	48.196	3.6	75	0.00
37	T	Ethyl Acetate	50.000	49.354	1.3	76	0.00
38	T	Carbon Tetrachloride	50.000	47.077	5.8	72	0.00
39	T	Methylcyclohexane	50.000	47.368	5.3	73	0.00
40	TM	Benzene	50.000	51.440	-2.9	81	0.00
41	T	Methacrylonitrile	50.000	52.312	-4.6	79	-0.01
42	TM	1,2-Dichloroethane	50.000	52.418	-4.8	83	0.00
43	T	Isopropyl Acetate	50.000	56.082	-12.2	87	0.00
44	TM	Trichloroethene	50.000	51.519	-3.0	81	0.00
45	C	1,2-Dichloropropane	50.000	53.077	-6.2#	84	0.00
46	T	Dibromomethane	50.000	51.184	-2.4	78	0.00
47	T	Bromodichloromethane	50.000	53.113	-6.2	81	0.00
48	T	Methyl methacrylate	50.000	55.706	-11.4	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1221.338	-22.1	88	0.00
50	S	Toluene-d8	50.000	58.982	-18.0	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	285.390	-14.2	87	0.00
52	CM	Toluene	50.000	53.009	-6.0#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	57.544	-15.1	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.922	-9.8	84	0.00
55	T	1,1,2-Trichloroethane	50.000	56.334	-12.7	87	0.00
56	T	Ethyl methacrylate	50.000	55.595	-11.2	82	0.00
57	T	1,3-Dichloropropane	50.000	53.835	-7.7	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	154.371	38.3#	50	0.00
59	T	2-Hexanone	250.000	271.006	-8.4	84	0.00
60	T	Dibromochloromethane	50.000	53.887	-7.8	83	0.00
61	T	1,2-Dibromoethane	50.000	51.315	-2.6	79	0.00
62	S	4-Bromofluorobenzene	50.000	53.203	-6.4	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	49.925	0.2	82	0.00
65	PM	Chlorobenzene	50.000	49.868	0.3	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.159	-4.3	85	0.00
67	C	Ethyl Benzene	50.000	51.173	-2.3#	82	0.00
68	T	m/p-Xylenes	100.000	102.043	-2.0	83	0.00
69	T	o-Xylene	50.000	53.223	-6.4	84	0.00
70	T	Styrene	50.000	53.029	-6.1	84	0.00
71	P	Bromoform	50.000	49.443	1.1	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	49.681	0.6	84	0.00
74	T	N-amyl acetate	50.000	50.603	-1.2	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.335	-2.7	86	0.00
76	T	1,2,3-Trichloropropane	50.000	50.329	-0.7	89	0.00
77	T	Bromobenzene	50.000	49.786	0.4	86	0.00
78	T	n-propylbenzene	50.000	49.586	0.8	84	0.00
79	T	2-Chlorotoluene	50.000	50.426	-0.9	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.894	0.2	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.310	-4.6	90	0.00
82	T	4-Chlorotoluene	50.000	49.623	0.8	84	0.00
83	T	tert-Butylbenzene	50.000	50.034	-0.1	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.413	-0.8	85	0.00
85	T	sec-Butylbenzene	50.000	50.665	-1.3	84	0.00
86	T	p-Isopropyltoluene	50.000	49.886	0.2	84	0.00
87	T	1,3-Dichlorobenzene	50.000	49.217	1.6	84	0.00
88	T	1,4-Dichlorobenzene	50.000	48.594	2.8	85	0.00
89	T	n-Butylbenzene	50.000	49.838	0.3	83	0.00
90	T	Hexachloroethane	50.000	41.422	17.2	72	0.00
91	T	1,2-Dichlorobenzene	50.000	50.336	-0.7	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.019	2.0	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.380	1.2	85	0.00
94	T	Hexachlorobutadiene	50.000	47.743	4.5	79	0.00
95	T	Naphthalene	50.000	51.839	-3.7	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.172	1.7	85	0.00

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