Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
Data File : VD074436.D
Acq On : 27 Sep 2022 10:25
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: Sep 28 04:37:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	43.598	12.8	99	0.00
3	P	Chloromethane	50.000	52.452	-4.9	108	0.00
4	C	Vinyl Chloride	50.000	50.280	-0.6#	112	0.00
5	T	Bromomethane	50.000	44.880	10.2	118	0.00
6	T	Chloroethane	50.000	48.742	2.5	102	0.00
7	T	Trichlorofluoromethane	50.000	49.577	0.8	108	0.00
8	T	Diethyl Ether	50.000	50.648	-1.3	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.333	1.3	105	0.00
10	T	Methyl Iodide	50.000	43.387	13.2	102	0.00
11	T	Tert butyl alcohol	250.000	183.931	26.4#	89	0.02
12	CM	1,1-Dichloroethene	50.000	48.003	4.0#	101	0.00
13	T	Acrolein	250.000	188.563	24.6	86	0.00
14	T	Allyl chloride	50.000	49.196	1.6	101	0.01
15	T	Acrylonitrile	250.000	249.793	0.1	100	0.00
16	T	Acetone	250.000	296.532	-18.6	130	0.00
17	T	Carbon Disulfide	50.000	47.954	4.1	101	0.00
18	T	Methyl Acetate	50.000	45.647	8.7	96	0.00
19	T	Methyl tert-butyl Ether	50.000	50.991	-2.0	101	0.00
20	T	Methylene Chloride	50.000	46.203	7.6	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.374	-0.7	105	0.00
22	T	Diisopropyl ether	50.000	52.104	-4.2	105	0.00
23	T	Vinyl Acetate	250.000	284.196	-13.7	107	0.00
24	P	1,1-Dichloroethane	50.000	49.903	0.2	103	0.00
25	T	2-Butanone	250.000	248.705	0.5	101	0.00
26	T	2,2-Dichloropropane	50.000	48.634	2.7	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.881	2.2	100	0.00
28	T	Bromochloromethane	50.000	51.066	-2.1	102	0.00
29	T	Tetrahydrofuran	250.000	233.743	6.5	92	0.00
30	C	Chloroform	50.000	48.101	3.8#	100	0.00
31	T	Cyclohexane	50.000	44.431	11.1	101	-0.01
32	T	1,1,1-Trichloroethane	50.000	49.998	0.0	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.437	7.1	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	49.015	2.0	104	0.00
36	T	1,1-Dichloropropene	50.000	48.240	3.5	99	0.00
37	T	Ethyl Acetate	50.000	47.019	6.0	89	0.00
38	T	Carbon Tetrachloride	50.000	52.842	-5.7	105	0.00
39	T	Methylcyclohexane	50.000	48.504	3.0	102	0.00
40	TM	Benzene	50.000	48.939	2.1	99	0.00
41	T	Methacrylonitrile	50.000	48.381	3.2	99	0.00
42	TM	1,2-Dichloroethane	50.000	48.569	2.9	100	0.00
43	T	Isopropyl Acetate	50.000	48.016	4.0	95	0.00
44	TM	Trichloroethene	50.000	48.948	2.1	101	0.00
45	C	1,2-Dichloropropane	50.000	49.557	0.9#	100	0.00
46	T	Dibromomethane	50.000	48.351	3.3	97	0.00
47	T	Bromodichloromethane	50.000	46.527	6.9	94	0.00
48	T	Methyl methacrylate	50.000	47.620	4.8	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	934.515	6.5	93	0.00
50	S	Toluene-d8	50.000	49.477	1.0	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.425	4.6	96	0.00
52	CM	Toluene	50.000	48.330	3.3#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	49.454	1.1	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.849	6.3	95	0.00
55	T	1,1,2-Trichloroethane	50.000	48.560	2.9	97	0.00
56	T	Ethyl methacrylate	50.000	49.407	1.2	97	0.00
57	T	1,3-Dichloropropane	50.000	46.602	6.8	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	293.699	-17.5	131	0.00
59	T	2-Hexanone	250.000	259.438	-3.8	103	0.00
60	T	Dibromochloromethane	50.000	50.259	-0.5	102	0.00
61	T	1,2-Dibromoethane	50.000	47.509	5.0	98	0.00
62	S	4-Bromofluorobenzene	50.000	46.882	6.2	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	47.171	5.7	103	0.00
65	PM	Chlorobenzene	50.000	49.903	0.2	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.930	-5.9	103	0.00
67	C	Ethyl Benzene	50.000	51.362	-2.7#	101	0.00
68	T	m/p-Xylenes	100.000	104.043	-4.0	100	0.00
69	T	o-Xylene	50.000	52.258	-4.5	102	0.00
70	T	Styrene	50.000	53.276	-6.6	101	0.00
71	P	Bromoform	50.000	52.053	-4.1	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	49.173	1.7	101	0.00
74	T	N-amyl acetate	50.000	46.337	7.3	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.079	5.8	99	0.00
76	T	1,2,3-Trichloropropane	50.000	45.877	8.2	102	0.00
77	T	Bromobenzene	50.000	48.616	2.8	102	0.00
78	T	n-propylbenzene	50.000	49.084	1.8	101	0.00
79	T	2-Chlorotoluene	50.000	49.156	1.7	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.454	1.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.644	0.7	104	0.00
82	T	4-Chlorotoluene	50.000	49.756	0.5	103	0.00
83	T	tert-Butylbenzene	50.000	48.674	2.7	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.511	1.0	101	0.00
85	T	sec-Butylbenzene	50.000	49.618	0.8	103	0.00
86	T	p-Isopropyltoluene	50.000	49.581	0.8	102	0.00
87	T	1,3-Dichlorobenzene	50.000	48.697	2.6	101	0.00
88	T	1,4-Dichlorobenzene	50.000	48.972	2.1	101	0.00
89	T	n-Butylbenzene	50.000	49.291	1.4	102	0.00
90	T	Hexachloroethane	50.000	49.636	0.7	104	0.00
91	T	1,2-Dichlorobenzene	50.000	49.716	0.6	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.741	6.5	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.303	7.4	100	0.00
94	T	Hexachlorobutadiene	50.000	45.927	8.1	101	0.00
95	T	Naphthalene	50.000	46.376	7.2	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.093	5.8	99	0.00

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