Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
Data File : VD076464.D
Acq On : 19 Jun 2023 11:22
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 20 05:22:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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	117	0.00
2	T	Dichlorodifluoromethane	50.000	48.199	3.6	125	0.00
3	P	Chloromethane	50.000	43.444	13.1	107	0.00
4	C	Vinyl Chloride	50.000	44.924	10.2#	108	0.00
5	T	Bromomethane	50.000	41.306	17.4	107	0.00
6	T	Chloroethane	50.000	43.536	12.9	106	0.00
7	T	Trichlorofluoromethane	50.000	47.727	4.5	125	0.00
8	T	Diethyl Ether	50.000	44.214	11.6	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.628	0.7	127	0.00
10	T	Methyl Iodide	50.000	45.762	8.5	103	0.00
11	T	Tert butyl alcohol	250.000	203.467	18.6	100	0.00
12	CM	1,1-Dichloroethene	50.000	46.770	6.5#	115	0.00
13	T	Acrolein	250.000	221.132	11.5	107	0.00
14	T	Allyl chloride	50.000	43.923	12.2	104	0.00
15	T	Acrylonitrile	250.000	214.054	14.4	96	0.00
16	T	Acetone	250.000	262.300	-4.9	113	0.00
17	T	Carbon Disulfide	50.000	47.271	5.5	114	0.00
18	T	Methyl Acetate	50.000	43.619	12.8	99	0.00
19	T	Methyl tert-butyl Ether	50.000	45.866	8.3	104	0.00
20	T	Methylene Chloride	50.000	40.427	19.1	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.709	10.6	106	0.00
22	T	Diisopropyl ether	50.000	45.705	8.6	103	0.00
23	T	Vinyl Acetate	250.000	234.112	6.4	103	0.00
24	P	1,1-Dichloroethane	50.000	46.424	7.2	108	-0.01
25	T	2-Butanone	250.000	228.493	8.6	102	0.00
26	T	2,2-Dichloropropane	50.000	46.852	6.3	113	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.181	7.6	106	0.00
28	T	Bromochloromethane	50.000	42.710	14.6	97	0.00
29	T	Tetrahydrofuran	250.000	216.290	13.5	97	0.00
30	C	Chloroform	50.000	45.026	9.9#	105	0.00
31	T	Cyclohexane	50.000	49.159	1.7	121	0.00
32	T	1,1,1-Trichloroethane	50.000	46.921	6.2	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.514	11.0	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35	S	Dibromofluoromethane	50.000	45.753	8.5	101	0.00
36	T	1,1-Dichloropropene	50.000	49.062	1.9	116	0.00
37	T	Ethyl Acetate	50.000	46.119	7.8	105	0.00
38	T	Carbon Tetrachloride	50.000	50.407	-0.8	117	0.00
39	T	Methylcyclohexane	50.000	51.533	-3.1	124	0.00
40	TM	Benzene	50.000	47.476	5.0	107	0.00
41	T	Methacrylonitrile	50.000	47.502	5.0	101	0.00
42	TM	1,2-Dichloroethane	50.000	48.496	3.0	104	0.00
43	T	Isopropyl Acetate	50.000	47.635	4.7	104	0.00
44	TM	Trichloroethene	50.000	47.693	4.6	110	0.00
45	C	1,2-Dichloropropane	50.000	47.975	4.0#	107	0.00
46	T	Dibromomethane	50.000	46.248	7.5	100	0.00
47	T	Bromodichloromethane	50.000	46.476	7.0	103	0.00
48	T	Methyl methacrylate	50.000	47.330	5.3	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	911.208	8.9	102	0.00
50	S	Toluene-d8	50.000	45.445	9.1	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.009	5.6	100	0.00
52	CM	Toluene	50.000	48.186	3.6#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	47.635	4.7	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.405	5.2	104	0.00
55	T	1,1,2-Trichloroethane	50.000	46.669	6.7	103	0.00
56	T	Ethyl methacrylate	50.000	46.606	6.8	99	0.00
57	T	1,3-Dichloropropane	50.000	46.019	8.0	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	227.533	9.0	103	0.00
59	T	2-Hexanone	250.000	248.274	0.7	105	0.00
60	T	Dibromochloromethane	50.000	47.239	5.5	102	0.00
61	T	1,2-Dibromoethane	50.000	47.114	5.8	103	0.00
62	S	4-Bromofluorobenzene	50.000	46.612	6.8	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	49.430	1.1	113	0.00
65	PM	Chlorobenzene	50.000	48.112	3.8	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.697	0.6	107	0.00
67	C	Ethyl Benzene	50.000	48.593	2.8#	109	0.00
68	T	m/p-Xylenes	100.000	96.083	3.9	108	0.00
69	T	o-Xylene	50.000	48.545	2.9	108	0.00
70	T	Styrene	50.000	47.979	4.0	107	0.00
71	P	Bromoform	50.000	48.590	2.8	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	48.117	3.8	112	0.00
74	T	N-amyl acetate	50.000	46.958	6.1	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.309	7.4	100	0.00
76	T	1,2,3-Trichloropropane	50.000	50.906	-1.8	121	0.00
77	T	Bromobenzene	50.000	46.383	7.2	107	0.00
78	T	n-propylbenzene	50.000	47.577	4.8	112	0.00
79	T	2-Chlorotoluene	50.000	47.078	5.8	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.743	4.5	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.153	5.7	101	0.00
82	T	4-Chlorotoluene	50.000	47.195	5.6	108	0.00
83	T	tert-Butylbenzene	50.000	48.021	4.0	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.294	5.4	108	0.00
85	T	sec-Butylbenzene	50.000	48.987	2.0	115	0.00
86	T	p-Isopropyltoluene	50.000	48.946	2.1	115	0.00
87	T	1,3-Dichlorobenzene	50.000	46.927	6.1	107	0.00
88	T	1,4-Dichlorobenzene	50.000	45.667	8.7	106	0.00
89	T	n-Butylbenzene	50.000	48.626	2.7	114	0.00
90	T	Hexachloroethane	50.000	50.313	-0.6	117	0.00
91	T	1,2-Dichlorobenzene	50.000	47.120	5.8	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.018	16.0	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.389	5.2	109	0.00
94	T	Hexachlorobutadiene	50.000	49.385	1.2	118	0.00
95	T	Naphthalene	50.000	47.142	5.7	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.677	4.6	108	0.00

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