Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
Data File : VD078689.D
Acq On : 18 Mar 2024 11:26
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 19 01:23:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
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	99	0.00
2	T	Dichlorodifluoromethane	50.000	50.322	-0.6	105	0.00
3	P	Chloromethane	50.000	44.659	10.7	93	0.00
4	C	Vinyl Chloride	50.000	47.259	5.5#	97	0.00
5	T	Bromomethane	50.000	45.277	9.4	101	0.00
6	T	Chloroethane	50.000	46.127	7.7	97	0.00
7	T	Trichlorofluoromethane	50.000	49.772	0.5	104	0.00
8	T	Diethyl Ether	50.000	48.745	2.5	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.875	0.3	106	0.00
10	T	Methyl Iodide	50.000	51.790	-3.6	104	0.00
11	T	Tert butyl alcohol	250.000	263.563	-5.4	102	0.00
12	CM	1,1-Dichloroethene	50.000	50.094	-0.2#	102	0.00
13	T	Acrolein	250.000	238.452	4.6	114	0.00
14	T	Allyl chloride	50.000	49.148	1.7	103	0.00
15	T	Acrylonitrile	250.000	246.698	1.3	97	0.00
16	T	Acetone	250.000	256.843	-2.7	101	0.00
17	T	Carbon Disulfide	50.000	49.137	1.7	102	0.00
18	T	Methyl Acetate	50.000	51.769	-3.5	98	0.00
19	T	Methyl tert-butyl Ether	50.000	50.372	-0.7	101	0.00
20	T	Methylene Chloride	50.000	49.461	1.1	99	-0.01
21	T	trans-1,2-Dichloroethene	50.000	48.634	2.7	99	0.00
22	T	Diisopropyl ether	50.000	49.097	1.8	99	0.00
23	T	Vinyl Acetate	250.000	251.989	-0.8	99	0.00
24	P	1,1-Dichloroethane	50.000	48.117	3.8	101	0.00
25	T	2-Butanone	250.000	240.170	3.9	98	0.00
26	T	2,2-Dichloropropane	50.000	49.836	0.3	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.134	1.7	102	0.00
28	T	Bromochloromethane	50.000	45.612	8.8	81	0.00
29	T	Tetrahydrofuran	250.000	263.965	-5.6	102	0.00
30	C	Chloroform	50.000	48.020	4.0#	102	0.00
31	T	Cyclohexane	50.000	47.473	5.1	102	0.00
32	T	1,1,1-Trichloroethane	50.000	49.192	1.6	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.304	15.4	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	44.246	11.5	89	0.00
36	T	1,1-Dichloropropene	50.000	51.508	-3.0	102	0.00
37	T	Ethyl Acetate	50.000	49.117	1.8	98	0.00
38	T	Carbon Tetrachloride	50.000	51.977	-4.0	105	0.00
39	T	Methylcyclohexane	50.000	53.818	-7.6	103	0.00
40	TM	Benzene	50.000	50.640	-1.3	101	0.00
41	T	Methacrylonitrile	50.000	43.203	13.6	88	0.00
42	TM	1,2-Dichloroethane	50.000	51.025	-2.0	100	0.00
43	T	Isopropyl Acetate	50.000	50.254	-0.5	96	0.00
44	TM	Trichloroethene	50.000	50.829	-1.7	103	0.00
45	C	1,2-Dichloropropane	50.000	50.662	-1.3#	101	0.00
46	T	Dibromomethane	50.000	49.678	0.6	99	0.00
47	T	Bromodichloromethane	50.000	50.414	-0.8	103	0.00
48	T	Methyl methacrylate	50.000	50.371	-0.7	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1065.473	-6.5	103	0.00
50	S	Toluene-d8	50.000	45.576	8.8	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.748	-6.7	100	0.00
52	CM	Toluene	50.000	51.280	-2.6#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	51.236	-2.5	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.863	-1.7	100	0.00
55	T	1,1,2-Trichloroethane	50.000	50.435	-0.9	101	0.00
56	T	Ethyl methacrylate	50.000	52.842	-5.7	98	0.00
57	T	1,3-Dichloropropane	50.000	50.937	-1.9	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	244.809	2.1	89	0.00
59	T	2-Hexanone	250.000	266.839	-6.7	100	0.00
60	T	Dibromochloromethane	50.000	50.721	-1.4	100	0.00
61	T	1,2-Dibromoethane	50.000	50.484	-1.0	99	0.00
62	S	4-Bromofluorobenzene	50.000	46.003	8.0	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	53.154	-6.3	101	0.00
65	PM	Chlorobenzene	50.000	51.211	-2.4	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.967	-3.9	101	0.00
67	C	Ethyl Benzene	50.000	53.745	-7.5#	101	0.00
68	T	m/p-Xylenes	100.000	107.910	-7.9	102	0.00
69	T	o-Xylene	50.000	53.836	-7.7	101	0.00
70	T	Styrene	50.000	54.208	-8.4	100	0.00
71	P	Bromoform	50.000	53.880	-7.8	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	53.541	-7.1	102	0.00
74	T	N-amyl acetate	50.000	51.618	-3.2	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.828	0.3	95	0.00
76	T	1,2,3-Trichloropropane	50.000	52.808	-5.6	103	0.00
77	T	Bromobenzene	50.000	51.950	-3.9	99	0.00
78	T	n-propylbenzene	50.000	54.329	-8.7	101	0.00
79	T	2-Chlorotoluene	50.000	52.006	-4.0	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.298	-6.6	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.473	-0.9	94	0.00
82	T	4-Chlorotoluene	50.000	51.391	-2.8	99	0.00
83	T	tert-Butylbenzene	50.000	53.943	-7.9	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.432	-8.9	101	0.00
85	T	sec-Butylbenzene	50.000	54.589	-9.2	101	0.00
86	T	p-Isopropyltoluene	50.000	55.109	-10.2	102	0.00
87	T	1,3-Dichlorobenzene	50.000	51.937	-3.9	100	0.00
88	T	1,4-Dichlorobenzene	50.000	51.978	-4.0	101	0.00
89	T	n-Butylbenzene	50.000	55.150	-10.3	103	0.00
90	T	Hexachloroethane	50.000	50.974	-1.9	100	0.00
91	T	1,2-Dichlorobenzene	50.000	50.775	-1.5	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.415	3.2	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.594	-5.2	104	0.00
94	T	Hexachlorobutadiene	50.000	53.235	-6.5	107	0.00
95	T	Naphthalene	50.000	53.087	-6.2	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.112	-4.2	98	0.00

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