Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078817.D
Acq On : 16 Apr 2024 10:44
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: Apr 16 22:29:52 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	50.625	-1.3	105	0.00
3	P	Chloromethane	50.000	52.644	-5.3	109	0.00
4	C	Vinyl Chloride	50.000	51.465	-2.9#	105	0.00
5	T	Bromomethane	50.000	48.530	2.9	108	0.00
6	T	Chloroethane	50.000	53.002	-6.0	111	0.00
7	T	Trichlorofluoromethane	50.000	55.107	-10.2	115	0.00
8	T	Diethyl Ether	50.000	52.468	-4.9	111	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.576	4.8	101	-0.01
10	T	Methyl Iodide	50.000	41.711	16.6	83	0.00
11	T	Tert butyl alcohol	250.000	275.188	-10.1	106	0.00
12	CM	1,1-Dichloroethene	50.000	52.544	-5.1#	106	0.00
13	T	Acrolein	250.000	400.462	-60.2#	192	0.00
14	T	Allyl chloride	50.000	51.864	-3.7	108	0.00
15	T	Acrylonitrile	250.000	256.849	-2.7	101	-0.01
16	T	Acetone	250.000	265.714	-6.3	104	0.00
17	T	Carbon Disulfide	50.000	49.809	0.4	103	0.00
18	T	Methyl Acetate	50.000	48.428	3.1	91	0.00
19	T	Methyl tert-butyl Ether	50.000	52.047	-4.1	104	0.00
20	T	Methylene Chloride	50.000	47.843	4.3	96	-0.01
21	T	trans-1,2-Dichloroethene	50.000	47.429	5.1	96	0.00
22	T	Diisopropyl ether	50.000	51.553	-3.1	103	0.00
23	T	Vinyl Acetate	250.000	272.903	-9.2	106	0.00
24	P	1,1-Dichloroethane	50.000	47.835	4.3	100	-0.01
25	T	2-Butanone	250.000	256.928	-2.8	105	-0.01
26	T	2,2-Dichloropropane	50.000	49.272	1.5	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.614	4.8	99	0.00
28	T	Bromochloromethane	50.000	55.207	-10.4	97	0.00
29	T	Tetrahydrofuran	250.000	271.710	-8.7	104	0.00
30	C	Chloroform	50.000	46.508	7.0#	98	0.00
31	T	Cyclohexane	50.000	47.889	4.2	102	0.00
32	T	1,1,1-Trichloroethane	50.000	47.672	4.7	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.709	-1.4	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	52.527	-5.1	105	0.00
36	T	1,1-Dichloropropene	50.000	47.915	4.2	94	0.00
37	T	Ethyl Acetate	50.000	50.565	-1.1	101	0.00
38	T	Carbon Tetrachloride	50.000	51.179	-2.4	103	0.00
39	T	Methylcyclohexane	50.000	50.093	-0.2	96	0.00
40	TM	Benzene	50.000	50.858	-1.7	101	0.00
41	T	Methacrylonitrile	50.000	47.206	5.6	96	0.00
42	TM	1,2-Dichloroethane	50.000	49.563	0.9	97	0.00
43	T	Isopropyl Acetate	50.000	54.009	-8.0	102	0.00
44	TM	Trichloroethene	50.000	45.785	8.4	93	0.00
45	C	1,2-Dichloropropane	50.000	47.950	4.1#	95	0.00
46	T	Dibromomethane	50.000	47.767	4.5	95	0.00
47	T	Bromodichloromethane	50.000	50.172	-0.3	102	0.00
48	T	Methyl methacrylate	50.000	52.708	-5.4	103	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1123.848	-12.4	108	0.00
50	S	Toluene-d8	50.000	56.939	-13.9	110	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.448	-12.2	105	0.00
52	CM	Toluene	50.000	50.851	-1.7#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	48.869	2.3	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.405	3.2	95	0.00
55	T	1,1,2-Trichloroethane	50.000	47.962	4.1	96	0.00
56	T	Ethyl methacrylate	50.000	56.388	-12.8	104	0.00
57	T	1,3-Dichloropropane	50.000	48.501	3.0	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.984	-4.8	95	0.00
59	T	2-Hexanone	250.000	282.577	-13.0	105	0.00
60	T	Dibromochloromethane	50.000	52.458	-4.9	103	0.00
61	T	1,2-Dibromoethane	50.000	47.714	4.6	93	0.00
62	S	4-Bromofluorobenzene	50.000	55.479	-11.0	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	48.870	2.3	94	0.00
65	PM	Chlorobenzene	50.000	51.847	-3.7	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.608	2.8	95	0.00
67	C	Ethyl Benzene	50.000	51.665	-3.3#	98	0.00
68	T	m/p-Xylenes	100.000	103.354	-3.4	99	0.00
69	T	o-Xylene	50.000	50.155	-0.3	95	0.00
70	T	Styrene	50.000	53.950	-7.9	101	0.00
71	P	Bromoform	50.000	49.632	0.7	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	49.147	1.7	98	0.00
74	T	N-amyl acetate	50.000	54.972	-9.9	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.781	6.4	93	0.00
76	T	1,2,3-Trichloropropane	50.000	47.163	5.7	96	0.00
77	T	Bromobenzene	50.000	46.969	6.1	94	0.00
78	T	n-propylbenzene	50.000	48.388	3.2	95	0.00
79	T	2-Chlorotoluene	50.000	47.637	4.7	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.175	3.7	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.372	-8.7	106	0.00
82	T	4-Chlorotoluene	50.000	48.853	2.3	99	0.00
83	T	tert-Butylbenzene	50.000	49.896	0.2	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.171	1.7	95	0.00
85	T	sec-Butylbenzene	50.000	48.936	2.1	95	0.00
86	T	p-Isopropyltoluene	50.000	49.435	1.1	96	0.00
87	T	1,3-Dichlorobenzene	50.000	47.323	5.4	96	0.00
88	T	1,4-Dichlorobenzene	50.000	46.246	7.5	94	0.00
89	T	n-Butylbenzene	50.000	49.096	1.8	96	0.00
90	T	Hexachloroethane	50.000	46.758	6.5	96	0.00
91	T	1,2-Dichlorobenzene	50.000	47.324	5.4	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.807	-1.6	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.535	6.9	97	0.00
94	T	Hexachlorobutadiene	50.000	44.307	11.4	94	0.00
95	T	Naphthalene	50.000	49.982	0.0	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.442	5.1	93	0.00

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