Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
Data File : VD077388.D
Acq On : 24 Oct 2023 11:18
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 25 04:01:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	53.834	-7.7	116	0.00
3	P	Chloromethane	50.000	54.236	-8.5	112	0.00
4	C	Vinyl Chloride	50.000	55.724	-11.4#	112	0.00
5	T	Bromomethane	50.000	53.925	-7.8	115	0.00
6	T	Chloroethane	50.000	56.095	-12.2	116	0.00
7	T	Trichlorofluoromethane	50.000	59.592	-19.2	128	0.00
8	T	Diethyl Ether	50.000	41.561	16.9	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.209	1.6	116	0.00
10	T	Methyl Iodide	50.000	46.091	7.8	98	0.00
11	T	Tert butyl alcohol	250.000	260.453	-4.2	118	0.00
12	CM	1,1-Dichloroethene	50.000	47.038	5.9#	109	0.00
13	T	Acrolein	250.000	238.190	4.7	131	0.00
14	T	Allyl chloride	50.000	50.748	-1.5	113	0.00
15	T	Acrylonitrile	250.000	286.003	-14.4	117	0.00
16	T	Acetone	250.000	259.196	-3.7	125	0.00
17	T	Carbon Disulfide	50.000	47.940	4.1	106	0.00
18	T	Methyl Acetate	50.000	51.820	-3.6	119	0.00
19	T	Methyl tert-butyl Ether	50.000	55.863	-11.7	110	0.00
20	T	Methylene Chloride	50.000	58.060	-16.1	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.558	-9.1	109	0.00
22	T	Diisopropyl ether	50.000	61.712	-23.4	116	0.00
23	T	Vinyl Acetate	250.000	311.691	-24.7	138	0.00
24	P	1,1-Dichloroethane	50.000	56.568	-13.1	114	0.00
25	T	2-Butanone	250.000	291.967	-16.8	117	0.00
26	T	2,2-Dichloropropane	50.000	55.955	-11.9	115	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.506	-7.0	108	0.00
28	T	Bromochloromethane	50.000	51.116	-2.2	108	0.00
29	T	Tetrahydrofuran	250.000	292.712	-17.1	115	0.00
30	C	Chloroform	50.000	54.406	-8.8#	109	0.00
31	T	Cyclohexane	50.000	56.148	-12.3	120	0.00
32	T	1,1,1-Trichloroethane	50.000	54.346	-8.7	109	0.00
33	S	1,2-Dichloroethane-d4	50.000	40.612	18.8	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	39.733	20.5	91	0.00
36	T	1,1-Dichloropropene	50.000	55.297	-10.6	114	0.00
37	T	Ethyl Acetate	50.000	57.154	-14.3	130	-0.01
38	T	Carbon Tetrachloride	50.000	52.942	-5.9	111	0.00
39	T	Methylcyclohexane	50.000	53.796	-7.6	110	0.00
40	TM	Benzene	50.000	54.673	-9.3	111	0.00
41	T	Methacrylonitrile	50.000	44.929	10.1	80	0.00
42	TM	1,2-Dichloroethane	50.000	53.513	-7.0	109	0.00
43	T	Isopropyl Acetate	50.000	56.251	-12.5	116	0.00
44	TM	Trichloroethene	50.000	50.426	-0.9	104	0.00
45	C	1,2-Dichloropropane	50.000	55.869	-11.7#	113	0.00
46	T	Dibromomethane	50.000	51.821	-3.6	106	0.00
47	T	Bromodichloromethane	50.000	53.696	-7.4	110	0.00
48	T	Methyl methacrylate	50.000	58.292	-16.6	117	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1050.929	-5.1	110	0.00
50	S	Toluene-d8	50.000	40.679	18.6	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	299.201	-19.7	118	0.00
52	CM	Toluene	50.000	54.638	-9.3#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	54.659	-9.3	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.503	-9.0	109	0.00
55	T	1,1,2-Trichloroethane	50.000	52.539	-5.1	107	0.00
56	T	Ethyl methacrylate	50.000	56.027	-12.1	109	0.00
57	T	1,3-Dichloropropane	50.000	53.690	-7.4	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.996	-10.0	109	0.00
59	T	2-Hexanone	250.000	305.610	-22.2	120	0.00
60	T	Dibromochloromethane	50.000	50.636	-1.3	104	0.00
61	T	1,2-Dibromoethane	50.000	52.149	-4.3	107	0.00
62	S	4-Bromofluorobenzene	50.000	41.554	16.9	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	103	0.00
64	T	Tetrachloroethene	50.000	47.884	4.2	100	0.00
65	PM	Chlorobenzene	50.000	51.290	-2.6	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.189	-2.4	105	0.00
67	C	Ethyl Benzene	50.000	54.673	-9.3#	108	0.00
68	T	m/p-Xylenes	100.000	108.313	-8.3	106	0.00
69	T	o-Xylene	50.000	53.107	-6.2	104	0.00
70	T	Styrene	50.000	54.760	-9.5	104	0.00
71	P	Bromoform	50.000	49.955	0.1	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	55.636	-11.3	107	0.00
74	T	N-amyl acetate	50.000	58.174	-16.3	116	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.132	-10.3	112	0.00
76	T	1,2,3-Trichloropropane	50.000	37.980	24.0	74	0.00
77	T	Bromobenzene	50.000	49.848	0.3	98	0.00
78	T	n-propylbenzene	50.000	57.415	-14.8	109	0.00
79	T	2-Chlorotoluene	50.000	55.042	-10.1	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.877	-11.8	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.351	-16.7	113	0.00
82	T	4-Chlorotoluene	50.000	56.129	-12.3	110	0.00
83	T	tert-Butylbenzene	50.000	55.252	-10.5	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.858	-13.7	107	0.00
85	T	sec-Butylbenzene	50.000	56.783	-13.6	110	0.00
86	T	p-Isopropyltoluene	50.000	55.309	-10.6	106	0.00
87	T	1,3-Dichlorobenzene	50.000	50.816	-1.6	101	0.00
88	T	1,4-Dichlorobenzene	50.000	49.991	0.0	102	0.00
89	T	n-Butylbenzene	50.000	57.511	-15.0	112	0.00
90	T	Hexachloroethane	50.000	53.398	-6.8	106	0.00
91	T	1,2-Dichlorobenzene	50.000	51.291	-2.6	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.307	-16.6	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.333	3.3	96	0.00
94	T	Hexachlorobutadiene	50.000	48.158	3.7	99	0.00
95	T	Naphthalene	50.000	51.696	-3.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.765	0.5	98	0.00

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