Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077243.D
Acq On : 28 Sep 2023 21:30
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 29 08:31:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 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	93	0.00
2	T	Dichlorodifluoromethane	50.000	44.020	12.0	91	0.00
3	P	Chloromethane	50.000	39.250	21.5	86	0.00
4	C	Vinyl Chloride	50.000	42.086	15.8#	86	0.00
5	T	Bromomethane	50.000	47.492	5.0	109	0.00
6	T	Chloroethane	50.000	52.371	-4.7	115	0.00
7	T	Trichlorofluoromethane	50.000	53.311	-6.6	116	0.00
8	T	Diethyl Ether	50.000	52.419	-4.8	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.511	-3.0	99	0.00
10	T	Methyl Iodide	50.000	52.238	-4.5	99	0.00
11	T	Tert butyl alcohol	250.000	270.666	-8.3	112	0.02
12	CM	1,1-Dichloroethene	50.000	50.402	-0.8#	100	0.00
13	T	Acrolein	250.000	116.977	53.2#	54	0.00
14	T	Allyl chloride	50.000	57.890	-15.8	109	0.00
15	T	Acrylonitrile	250.000	295.633	-18.3	118	0.00
16	T	Acetone	250.000	247.414	1.0	90	0.00
17	T	Carbon Disulfide	50.000	49.120	1.8	97	0.00
18	T	Methyl Acetate	50.000	60.487	-21.0	121	0.00
19	T	Methyl tert-butyl Ether	50.000	55.463	-10.9	108	0.01
20	T	Methylene Chloride	50.000	54.047	-8.1	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.292	-4.6	102	0.00
22	T	Diisopropyl ether	50.000	58.442	-16.9	112	0.00
23	T	Vinyl Acetate	250.000	342.757	-37.1#	133	0.00
24	P	1,1-Dichloroethane	50.000	53.669	-7.3	108	0.00
25	T	2-Butanone	250.000	274.094	-9.6	106	0.00
26	T	2,2-Dichloropropane	50.000	50.462	-0.9	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.794	-5.6	104	0.00
28	T	Bromochloromethane	50.000	58.462	-16.9	113	0.00
29	T	Tetrahydrofuran	250.000	295.229	-18.1	117	0.00
30	C	Chloroform	50.000	52.971	-5.9#	104	0.00
31	T	Cyclohexane	50.000	54.040	-8.1	105	0.00
32	T	1,1,1-Trichloroethane	50.000	52.315	-4.6	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.562	0.9	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	48.501	3.0	91	0.00
36	T	1,1-Dichloropropene	50.000	52.622	-5.2	104	0.00
37	T	Ethyl Acetate	50.000	54.554	-9.1	115	0.00
38	T	Carbon Tetrachloride	50.000	49.667	0.7	97	0.00
39	T	Methylcyclohexane	50.000	52.286	-4.6	98	0.00
40	TM	Benzene	50.000	52.148	-4.3	104	0.00
41	T	Methacrylonitrile	50.000	48.044	3.9	100	0.00
42	TM	1,2-Dichloroethane	50.000	51.992	-4.0	105	0.00
43	T	Isopropyl Acetate	50.000	55.455	-10.9	114	0.00
44	TM	Trichloroethene	50.000	48.941	2.1	101	0.00
45	C	1,2-Dichloropropane	50.000	53.690	-7.4#	109	0.00
46	T	Dibromomethane	50.000	51.959	-3.9	106	0.00
47	T	Bromodichloromethane	50.000	51.418	-2.8	105	0.00
48	T	Methyl methacrylate	50.000	58.145	-16.3	115	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	1175.295	-17.5	118	0.00
50	S	Toluene-d8	50.000	49.361	1.3	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.667	-13.1	117	0.00
52	CM	Toluene	50.000	52.086	-4.2#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	52.640	-5.3	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.413	-4.8	105	0.00
55	T	1,1,2-Trichloroethane	50.000	52.092	-4.2	106	0.00
56	T	Ethyl methacrylate	50.000	57.119	-14.2	112	0.00
57	T	1,3-Dichloropropane	50.000	53.010	-6.0	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	291.884	-16.8	113	0.00
59	T	2-Hexanone	250.000	272.756	-9.1	111	0.00
60	T	Dibromochloromethane	50.000	49.940	0.1	100	0.00
61	T	1,2-Dibromoethane	50.000	51.359	-2.7	107	0.00
62	S	4-Bromofluorobenzene	50.000	49.713	0.6	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	49.296	1.4	98	0.00
65	PM	Chlorobenzene	50.000	49.425	1.2	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.845	2.3	100	0.00
67	C	Ethyl Benzene	50.000	52.079	-4.2#	103	0.00
68	T	m/p-Xylenes	100.000	102.342	-2.3	99	0.00
69	T	o-Xylene	50.000	51.073	-2.1	100	0.00
70	T	Styrene	50.000	53.465	-6.9	103	0.00
71	P	Bromoform	50.000	48.293	3.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	52.755	-5.5	102	0.00
74	T	N-amyl acetate	50.000	55.305	-10.6	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.788	-5.6	112	0.00
76	T	1,2,3-Trichloropropane	50.000	109.598	-119.2#	232	0.00
77	T	Bromobenzene	50.000	48.229	3.5	96	0.00
78	T	n-propylbenzene	50.000	53.360	-6.7	103	0.00
79	T	2-Chlorotoluene	50.000	52.129	-4.3	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.852	-5.7	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.526	-11.1	114	0.00
82	T	4-Chlorotoluene	50.000	51.951	-3.9	100	0.00
83	T	tert-Butylbenzene	50.000	52.774	-5.5	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.940	-3.9	100	0.00
85	T	sec-Butylbenzene	50.000	52.177	-4.4	99	0.00
86	T	p-Isopropyltoluene	50.000	51.952	-3.9	98	0.00
87	T	1,3-Dichlorobenzene	50.000	48.353	3.3	96	0.00
88	T	1,4-Dichlorobenzene	50.000	47.960	4.1	97	0.00
89	T	n-Butylbenzene	50.000	52.731	-5.5	101	0.00
90	T	Hexachloroethane	50.000	49.066	1.9	99	0.00
91	T	1,2-Dichlorobenzene	50.000	49.181	1.6	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.610	-5.2	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.617	2.8	96	0.00
94	T	Hexachlorobutadiene	50.000	45.673	8.7	90	0.00
95	T	Naphthalene	50.000	51.544	-3.1	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.292	3.4	94	0.00

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