Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
Data File : VD075393.D
Acq On : 21 Feb 2023 20:56
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 22 01:59:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 21 16:26:04 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	45.748	8.5	96	0.00
3	P	Chloromethane	50.000	47.580	4.8	99	0.00
4	C	Vinyl Chloride	50.000	48.529	2.9#	95	0.00
5	T	Bromomethane	50.000	50.127	-0.3	101	0.00
6	T	Chloroethane	50.000	45.750	8.5	93	0.00
7	T	Trichlorofluoromethane	50.000	48.923	2.2	96	0.00
8	T	Diethyl Ether	50.000	53.488	-7.0	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.405	3.2	95	0.00
10	T	Methyl Iodide	50.000	50.937	-1.9	103	0.00
11	T	Tert butyl alcohol	250.000	179.797	28.1#	76	0.00
12	CM	1,1-Dichloroethene	50.000	49.525	1.0#	94	0.00
13	T	Acrolein	250.000	167.847	32.9#	90	0.00
14	T	Allyl chloride	50.000	51.687	-3.4	97	0.00
15	T	Acrylonitrile	250.000	244.935	2.0	93	0.00
16	T	Acetone	250.000	217.611	13.0	79	0.00
17	T	Carbon Disulfide	50.000	47.533	4.9	93	0.00
18	T	Methyl Acetate	50.000	49.019	2.0	101	0.00
19	T	Methyl tert-butyl Ether	50.000	51.727	-3.5	96	0.00
20	T	Methylene Chloride	50.000	53.177	-6.4	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.613	-3.2	99	0.00
22	T	Diisopropyl ether	50.000	53.422	-6.8	100	0.00
23	T	Vinyl Acetate	250.000	289.041	-15.6	101	0.00
24	P	1,1-Dichloroethane	50.000	50.335	-0.7	97	0.00
25	T	2-Butanone	250.000	228.061	8.8	88	0.00
26	T	2,2-Dichloropropane	50.000	50.637	-1.3	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.948	-3.9	99	0.00
28	T	Bromochloromethane	50.000	51.615	-3.2	94	0.00
29	T	Tetrahydrofuran	250.000	248.519	0.6	92	0.01
30	C	Chloroform	50.000	51.840	-3.7#	100	0.00
31	T	Cyclohexane	50.000	47.089	5.8	94	0.00
32	T	1,1,1-Trichloroethane	50.000	50.619	-1.2	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.710	-1.4	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	44.929	10.1	95	0.00
36	T	1,1-Dichloropropene	50.000	49.040	1.9	95	0.00
37	T	Ethyl Acetate	50.000	49.014	2.0	94	0.00
38	T	Carbon Tetrachloride	50.000	49.495	1.0	95	0.00
39	T	Methylcyclohexane	50.000	49.451	1.1	93	0.00
40	TM	Benzene	50.000	50.195	-0.4	98	0.00
41	T	Methacrylonitrile	50.000	53.986	-8.0	111	0.00
42	TM	1,2-Dichloroethane	50.000	50.554	-1.1	99	0.00
43	T	Isopropyl Acetate	50.000	49.666	0.7	98	0.00
44	TM	Trichloroethene	50.000	49.849	0.3	99	0.00
45	C	1,2-Dichloropropane	50.000	51.944	-3.9#	100	0.00
46	T	Dibromomethane	50.000	49.960	0.1	98	0.00
47	T	Bromodichloromethane	50.000	49.798	0.4	97	0.00
48	T	Methyl methacrylate	50.000	50.403	-0.8	96	0.00

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Quant Time: Feb 22 01:59:00 2023
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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	838.582	16.1	85	0.00
50	S	Toluene-d8	50.000	43.198	13.6	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	250.563	-0.2	96	0.00
52	CM	Toluene	50.000	50.910	-1.8#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	53.625	-7.2	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.724	-5.4	100	0.00
55	T	1,1,2-Trichloroethane	50.000	50.687	-1.4	99	0.00
56	T	Ethyl methacrylate	50.000	51.401	-2.8	95	0.00
57	T	1,3-Dichloropropane	50.000	51.267	-2.5	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	246.837	1.3	110	0.00
59	T	2-Hexanone	250.000	241.051	3.6	88	0.00
60	T	Dibromochloromethane	50.000	49.366	1.3	98	0.00
61	T	1,2-Dibromoethane	50.000	50.763	-1.5	99	0.00
62	S	4-Bromofluorobenzene	50.000	44.988	10.0	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	50.082	-0.2	97	0.00
65	PM	Chlorobenzene	50.000	51.336	-2.7	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.867	-3.7	99	0.00
67	C	Ethyl Benzene	50.000	51.817	-3.6#	95	0.00
68	T	m/p-Xylenes	100.000	104.299	-4.3	97	0.00
69	T	o-Xylene	50.000	51.904	-3.8	96	0.00
70	T	Styrene	50.000	52.934	-5.9	97	0.00
71	P	Bromoform	50.000	53.194	-6.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	50.681	-1.4	95	0.00
74	T	N-amyl acetate	50.000	50.866	-1.7	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.064	-0.1	97	0.00
76	T	1,2,3-Trichloropropane	50.000	59.507	-19.0	99	0.00
77	T	Bromobenzene	50.000	50.192	-0.4	99	0.00
78	T	n-propylbenzene	50.000	50.922	-1.8	95	0.00
79	T	2-Chlorotoluene	50.000	50.514	-1.0	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.184	-4.4	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.929	0.1	106	0.00
82	T	4-Chlorotoluene	50.000	50.648	-1.3	96	0.00
83	T	tert-Butylbenzene	50.000	52.911	-5.8	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.581	-5.2	98	0.00
85	T	sec-Butylbenzene	50.000	50.833	-1.7	95	0.00
86	T	p-Isopropyltoluene	50.000	51.544	-3.1	94	0.00
87	T	1,3-Dichlorobenzene	50.000	49.259	1.5	96	0.00
88	T	1,4-Dichlorobenzene	50.000	50.390	-0.8	99	0.00
89	T	n-Butylbenzene	50.000	50.423	-0.8	94	0.00
90	T	Hexachloroethane	50.000	47.874	4.3	93	0.00
91	T	1,2-Dichlorobenzene	50.000	51.090	-2.2	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.631	2.7	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.203	-0.4	97	0.00
94	T	Hexachlorobutadiene	50.000	47.419	5.2	90	0.00
95	T	Naphthalene	50.000	51.553	-3.1	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.281	-2.6	97	0.00

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