Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
Data File : VD075671.D
Acq On : 13 Apr 2023 20:37
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: Apr 14 01:37:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	48.574	2.9	90	0.00
3	P	Chloromethane	50.000	55.534	-11.1	103	0.00
4	C	Vinyl Chloride	50.000	49.527	0.9#	91	0.00
5	T	Bromomethane	50.000	42.506	15.0	80	-0.01
6	T	Chloroethane	50.000	49.394	1.2	91	-0.01
7	T	Trichlorofluoromethane	50.000	48.481	3.0	89	0.00
8	T	Diethyl Ether	50.000	55.724	-11.4	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.594	2.8	90	0.00
10	T	Methyl Iodide	50.000	51.706	-3.4	89	0.00
11	T	Tert butyl alcohol	250.000	308.389	-23.4	114	0.02
12	CM	1,1-Dichloroethene	50.000	48.770	2.5#	88	-0.01
13	T	Acrolein	250.000	251.418	-0.6	93	0.00
14	T	Allyl chloride	50.000	49.304	1.4	87	-0.01
15	T	Acrylonitrile	250.000	288.974	-15.6	104	0.00
16	T	Acetone	250.000	240.651	3.7	80	0.00
17	T	Carbon Disulfide	50.000	48.078	3.8	89	-0.01
18	T	Methyl Acetate	50.000	58.564	-17.1	106	0.00
19	T	Methyl tert-butyl Ether	50.000	58.183	-16.4	102	-0.01
20	T	Methylene Chloride	50.000	56.580	-13.2	99	-0.01
21	T	trans-1,2-Dichloroethene	50.000	50.354	-0.7	90	0.00
22	T	Diisopropyl ether	50.000	56.324	-12.6	98	0.00
23	T	Vinyl Acetate	250.000	297.778	-19.1	100	0.00
24	P	1,1-Dichloroethane	50.000	51.888	-3.8	94	0.00
25	T	2-Butanone	250.000	282.800	-13.1	99	0.00
26	T	2,2-Dichloropropane	50.000	45.336	9.3	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.256	-4.5	94	0.00
28	T	Bromochloromethane	50.000	52.111	-4.2	97	0.00
29	T	Tetrahydrofuran	250.000	313.072	-25.2#	109	0.00
30	C	Chloroform	50.000	52.011	-4.0#	95	0.00
31	T	Cyclohexane	50.000	47.083	5.8	87	0.00
32	T	1,1,1-Trichloroethane	50.000	50.323	-0.6	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.217	-14.4	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	53.616	-7.2	103	0.00
36	T	1,1-Dichloropropene	50.000	48.086	3.8	89	0.00
37	T	Ethyl Acetate	50.000	54.074	-8.1	104	0.00
38	T	Carbon Tetrachloride	50.000	47.868	4.3	88	0.00
39	T	Methylcyclohexane	50.000	49.590	0.8	88	0.00
40	TM	Benzene	50.000	50.139	-0.3	94	0.00
41	T	Methacrylonitrile	50.000	53.381	-6.8	108	0.00
42	TM	1,2-Dichloroethane	50.000	54.295	-8.6	100	0.00
43	T	Isopropyl Acetate	50.000	56.449	-12.9	103	0.00
44	TM	Trichloroethene	50.000	48.415	3.2	91	0.00
45	C	1,2-Dichloropropane	50.000	52.524	-5.0#	99	0.00
46	T	Dibromomethane	50.000	53.502	-7.0	100	0.00
47	T	Bromodichloromethane	50.000	52.765	-5.5	99	0.00
48	T	Methyl methacrylate	50.000	54.736	-9.5	96	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	1235.880	-23.6	113	0.00
50	S	Toluene-d8	50.000	52.629	-5.3	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	287.619	-15.0	96	0.00
52	CM	Toluene	50.000	49.534	0.9#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	51.151	-2.3	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.065	-2.1	86	0.00
55	T	1,1,2-Trichloroethane	50.000	50.613	-1.2	90	0.00
56	T	Ethyl methacrylate	50.000	57.124	-14.2	93	0.00
57	T	1,3-Dichloropropane	50.000	52.712	-5.4	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	282.518	-13.0	94	0.00
59	T	2-Hexanone	250.000	278.609	-11.4	92	0.00
60	T	Dibromochloromethane	50.000	51.051	-2.1	89	0.00
61	T	1,2-Dibromoethane	50.000	52.323	-4.6	92	0.00
62	S	4-Bromofluorobenzene	50.000	58.255	-16.5	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	48.165	3.7	80	0.00
65	PM	Chlorobenzene	50.000	51.032	-2.1	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.299	-2.6	97	0.00
67	C	Ethyl Benzene	50.000	52.020	-4.0#	93	0.00
68	T	m/p-Xylenes	100.000	105.446	-5.4	94	0.00
69	T	o-Xylene	50.000	54.845	-9.7	95	0.00
70	T	Styrene	50.000	52.549	-5.1	97	0.00
71	P	Bromoform	50.000	56.233	-12.5	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	45.162	9.7	93	0.00
74	T	N-amyl acetate	50.000	51.293	-2.6	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.501	-3.0	115	0.00
76	T	1,2,3-Trichloropropane	50.000	51.840	-3.7	130	0.00
77	T	Bromobenzene	50.000	52.298	-4.6	115	0.00
78	T	n-propylbenzene	50.000	48.307	3.4	100	0.00
79	T	2-Chlorotoluene	50.000	47.476	5.0	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.820	0.4	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.455	7.1	96	0.00
82	T	4-Chlorotoluene	50.000	47.882	4.2	105	0.00
83	T	tert-Butylbenzene	50.000	50.177	-0.4	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.555	-1.1	105	0.00
85	T	sec-Butylbenzene	50.000	48.225	3.5	100	0.00
86	T	p-Isopropyltoluene	50.000	48.053	3.9	99	0.00
87	T	1,3-Dichlorobenzene	50.000	48.393	3.2	105	0.00
88	T	1,4-Dichlorobenzene	50.000	48.461	3.1	107	0.00
89	T	n-Butylbenzene	50.000	47.025	6.0	98	0.00
90	T	Hexachloroethane	50.000	47.420	5.2	107	0.00
91	T	1,2-Dichlorobenzene	50.000	53.977	-8.0	119	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.641	6.7	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.620	12.8	100	0.00
94	T	Hexachlorobutadiene	50.000	39.682	20.6	94	0.00
95	T	Naphthalene	50.000	49.957	0.1	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.357	9.3	105	0.00

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