Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
Data File : VD076386.D
Acq On : 08 Jun 2023 21:32
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 09 01:25:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	45.678	8.6	90	0.00
3	P	Chloromethane	50.000	49.528	0.9	94	0.00
4	C	Vinyl Chloride	50.000	46.335	7.3#	87	0.00
5	T	Bromomethane	50.000	44.088	11.8	83	0.00
6	T	Chloroethane	50.000	48.094	3.8	88	0.00
7	T	Trichlorofluoromethane	50.000	47.895	4.2	94	0.00
8	T	Diethyl Ether	50.000	54.161	-8.3	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.716	-1.4	96	0.00
10	T	Methyl Iodide	50.000	50.130	-0.3	84	0.00
11	T	Tert butyl alcohol	250.000	290.765	-16.3	106	0.00
12	CM	1,1-Dichloroethene	50.000	49.790	0.4#	91	0.00
13	T	Acrolein	250.000	334.254	-33.7#	122	0.00
14	T	Allyl chloride	50.000	48.191	3.6	86	0.00
15	T	Acrylonitrile	250.000	289.101	-15.6	101	0.00
16	T	Acetone	250.000	224.901	10.0	74	0.00
17	T	Carbon Disulfide	50.000	48.003	4.0	88	0.00
18	T	Methyl Acetate	50.000	55.961	-11.9	102	0.00
19	T	Methyl tert-butyl Ether	50.000	55.797	-11.6	94	0.00
20	T	Methylene Chloride	50.000	52.157	-4.3	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.924	-1.8	90	0.00
22	T	Diisopropyl ether	50.000	54.963	-9.9	92	0.00
23	T	Vinyl Acetate	250.000	293.756	-17.5	94	0.00
24	P	1,1-Dichloroethane	50.000	52.026	-4.1	94	0.00
25	T	2-Butanone	250.000	260.369	-4.1	93	0.00
26	T	2,2-Dichloropropane	50.000	46.536	6.9	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.219	-4.4	91	0.00
28	T	Bromochloromethane	50.000	53.566	-7.1	96	0.00
29	T	Tetrahydrofuran	250.000	299.760	-19.9	102	0.00
30	C	Chloroform	50.000	52.949	-5.9#	94	0.00
31	T	Cyclohexane	50.000	48.678	2.6	94	0.00
32	T	1,1,1-Trichloroethane	50.000	51.616	-3.2	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.248	-4.5	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	54.252	-8.5	94	0.00
36	T	1,1-Dichloropropene	50.000	53.904	-7.8	93	0.00
37	T	Ethyl Acetate	50.000	60.948	-21.9	103	0.00
38	T	Carbon Tetrachloride	50.000	54.195	-8.4	95	0.00
39	T	Methylcyclohexane	50.000	55.904	-11.8	96	0.00
40	TM	Benzene	50.000	55.117	-10.2	94	0.00
41	T	Methacrylonitrile	50.000	61.837	-23.7	118	0.00
42	TM	1,2-Dichloroethane	50.000	56.230	-12.5	96	0.00
43	T	Isopropyl Acetate	50.000	58.842	-17.7	99	0.00
44	TM	Trichloroethene	50.000	53.383	-6.8	91	0.00
45	C	1,2-Dichloropropane	50.000	56.637	-13.3#	95	0.00
46	T	Dibromomethane	50.000	59.260	-18.5	100	0.00
47	T	Bromodichloromethane	50.000	57.736	-15.5	95	0.00
48	T	Methyl methacrylate	50.000	61.777	-23.6	97	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	1268.598	-26.9#	101	0.01
50	S	Toluene-d8	50.000	54.253	-8.5	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	317.754	-27.1#	106	0.00
52	CM	Toluene	50.000	56.153	-12.3#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	57.267	-14.5	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.661	-13.3	94	0.00
55	T	1,1,2-Trichloroethane	50.000	59.242	-18.5	103	0.00
56	T	Ethyl methacrylate	50.000	63.254	-26.5#	102	0.00
57	T	1,3-Dichloropropane	50.000	59.675	-19.3	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	292.665	-17.1	99	0.00
59	T	2-Hexanone	250.000	316.525	-26.6#	104	0.00
60	T	Dibromochloromethane	50.000	58.742	-17.5	100	0.00
61	T	1,2-Dibromoethane	50.000	59.140	-18.3	99	0.00
62	S	4-Bromofluorobenzene	50.000	56.964	-13.9	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	55.013	-10.0	97	0.00
65	PM	Chlorobenzene	50.000	53.771	-7.5	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.289	-12.6	98	0.00
67	C	Ethyl Benzene	50.000	55.424	-10.8#	94	0.00
68	T	m/p-Xylenes	100.000	114.587	-14.6	96	0.00
69	T	o-Xylene	50.000	57.687	-15.4	96	0.00
70	T	Styrene	50.000	59.183	-18.4	97	0.00
71	P	Bromoform	50.000	60.798	-21.6	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	52.387	-4.8	95	0.00
74	T	N-amyl acetate	50.000	55.321	-10.6	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.057	-12.1	106	0.00
76	T	1,2,3-Trichloropropane	50.000	43.038	13.9	90	0.00
77	T	Bromobenzene	50.000	53.018	-6.0	95	0.00
78	T	n-propylbenzene	50.000	53.267	-6.5	97	0.00
79	T	2-Chlorotoluene	50.000	52.361	-4.7	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.116	-8.2	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.151	-8.3	101	0.00
82	T	4-Chlorotoluene	50.000	52.735	-5.5	98	0.00
83	T	tert-Butylbenzene	50.000	53.414	-6.8	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.299	-8.6	97	0.00
85	T	sec-Butylbenzene	50.000	53.279	-6.6	99	0.00
86	T	p-Isopropyltoluene	50.000	54.355	-8.7	100	0.00
87	T	1,3-Dichlorobenzene	50.000	53.078	-6.2	99	0.00
88	T	1,4-Dichlorobenzene	50.000	52.011	-4.0	99	0.00
89	T	n-Butylbenzene	50.000	52.981	-6.0	100	0.00
90	T	Hexachloroethane	50.000	50.327	-0.7	99	0.00
91	T	1,2-Dichlorobenzene	50.000	54.681	-9.4	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.487	-7.0	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.222	-10.4	100	0.00
94	T	Hexachlorobutadiene	50.000	51.555	-3.1	101	0.00
95	T	Naphthalene	50.000	51.917	-3.8	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.158	-14.3	102	0.00

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