Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
Data File : VD074589.D
Acq On : 20 Oct 2022 10:06
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 20 14:54:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
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	104	0.00
2	T	Dichlorodifluoromethane	50.000	48.526	2.9	105	0.00
3	P	Chloromethane	50.000	43.819	12.4	92	0.00
4	C	Vinyl Chloride	50.000	47.388	5.2#	98	0.00
5	T	Bromomethane	50.000	48.562	2.9	114	0.01
6	T	Chloroethane	50.000	49.119	1.8	102	0.01
7	T	Trichlorofluoromethane	50.000	49.112	1.8	105	0.01
8	T	Diethyl Ether	50.000	52.417	-4.8	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.412	-2.8	107	0.00
10	T	Methyl Iodide	50.000	46.204	7.6	98	0.01
11	T	Tert butyl alcohol	250.000	225.426	9.8	94	0.00
12	CM	1,1-Dichloroethene	50.000	50.193	-0.4#	104	0.00
13	T	Acrolein	250.000	235.684	5.7	98	0.00
14	T	Allyl chloride	50.000	51.359	-2.7	102	0.01
15	T	Acrylonitrile	250.000	268.284	-7.3	106	0.00
16	T	Acetone	250.000	295.812	-18.3	122	0.00
17	T	Carbon Disulfide	50.000	44.187	11.6	95	0.00
18	T	Methyl Acetate	50.000	49.231	1.5	98	0.00
19	T	Methyl tert-butyl Ether	50.000	53.153	-6.3	104	0.00
20	T	Methylene Chloride	50.000	48.744	2.5	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.846	2.3	103	0.00
22	T	Diisopropyl ether	50.000	54.288	-8.6	108	0.00
23	T	Vinyl Acetate	250.000	300.534	-20.2	122	0.00
24	P	1,1-Dichloroethane	50.000	51.355	-2.7	104	0.01
25	T	2-Butanone	250.000	265.112	-6.0	111	0.00
26	T	2,2-Dichloropropane	50.000	51.074	-2.1	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.330	-2.7	104	0.00
28	T	Bromochloromethane	50.000	56.835	-13.7	110	0.00
29	T	Tetrahydrofuran	250.000	262.835	-5.1	104	0.00
30	C	Chloroform	50.000	51.794	-3.6#	107	0.00
31	T	Cyclohexane	50.000	47.565	4.9	105	0.00
32	T	1,1,1-Trichloroethane	50.000	51.479	-3.0	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.344	3.3	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	48.356	3.3	105	0.00
36	T	1,1-Dichloropropene	50.000	49.687	0.6	106	0.00
37	T	Ethyl Acetate	50.000	53.675	-7.3	110	0.00
38	T	Carbon Tetrachloride	50.000	51.524	-3.0	107	0.00
39	T	Methylcyclohexane	50.000	50.613	-1.2	103	0.00
40	TM	Benzene	50.000	51.221	-2.4	104	0.00
41	T	Methacrylonitrile	50.000	60.568	-21.1	144	0.00
42	TM	1,2-Dichloroethane	50.000	50.964	-1.9	104	0.00
43	T	Isopropyl Acetate	50.000	52.739	-5.5	105	0.00
44	TM	Trichloroethene	50.000	50.907	-1.8	106	0.00
45	C	1,2-Dichloropropane	50.000	52.672	-5.3#	107	0.00
46	T	Dibromomethane	50.000	52.315	-4.6	105	0.00
47	T	Bromodichloromethane	50.000	52.473	-4.9	104	0.00
48	T	Methyl methacrylate	50.000	53.814	-7.6	110	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	1100.288	-10.0	101	0.00
50	S	Toluene-d8	50.000	48.552	2.9	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.999	-8.8	106	0.00
52	CM	Toluene	50.000	53.388	-6.8#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	54.658	-9.3	108	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.227	-4.5	105	0.00
55	T	1,1,2-Trichloroethane	50.000	54.431	-8.9	108	0.00
56	T	Ethyl methacrylate	50.000	54.630	-9.3	103	0.00
57	T	1,3-Dichloropropane	50.000	52.949	-5.9	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	310.138	-24.1	159	0.00
59	T	2-Hexanone	250.000	285.340	-14.1	112	0.00
60	T	Dibromochloromethane	50.000	54.638	-9.3	105	0.00
61	T	1,2-Dibromoethane	50.000	53.614	-7.2	104	0.00
62	S	4-Bromofluorobenzene	50.000	50.748	-1.5	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	49.449	1.1	104	0.00
65	PM	Chlorobenzene	50.000	51.923	-3.8	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.092	-8.2	108	0.00
67	C	Ethyl Benzene	50.000	52.898	-5.8#	108	0.00
68	T	m/p-Xylenes	100.000	107.301	-7.3	117	0.00
69	T	o-Xylene	50.000	53.588	-7.2	114	0.00
70	T	Styrene	50.000	54.493	-9.0	115	0.00
71	P	Bromoform	50.000	53.870	-7.7	117	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	114	0.00
73	T	Isopropylbenzene	50.000	51.477	-3.0	115	0.00
74	T	N-amyl acetate	50.000	52.017	-4.0	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.944	-1.9	115	0.00
76	T	1,2,3-Trichloropropane	50.000	57.845	-15.7	117	0.00
77	T	Bromobenzene	50.000	51.802	-3.6	113	0.00
78	T	n-propylbenzene	50.000	51.900	-3.8	116	0.00
79	T	2-Chlorotoluene	50.000	50.723	-1.4	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.654	-3.3	117	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.393	-8.8	130	0.00
82	T	4-Chlorotoluene	50.000	50.665	-1.3	116	0.00
83	T	tert-Butylbenzene	50.000	52.136	-4.3	118	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.638	-3.3	114	0.00
85	T	sec-Butylbenzene	50.000	51.875	-3.8	116	0.00
86	T	p-Isopropyltoluene	50.000	52.343	-4.7	117	0.00
87	T	1,3-Dichlorobenzene	50.000	51.733	-3.5	118	0.00
88	T	1,4-Dichlorobenzene	50.000	51.595	-3.2	119	0.00
89	T	n-Butylbenzene	50.000	52.855	-5.7	117	0.00
90	T	Hexachloroethane	50.000	52.680	-5.4	120	0.00
91	T	1,2-Dichlorobenzene	50.000	53.408	-6.8	121	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.086	-2.2	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.685	-7.4	121	0.00
94	T	Hexachlorobutadiene	50.000	52.810	-5.6	119	0.00
95	T	Naphthalene	50.000	52.348	-4.7	117	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.061	-8.1	119	0.00

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