Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
Data File : VD073889.D
Acq On : 21 Jul 2022 10:54
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: Jul 22 01:17:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 20 15:29:08 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	59.619	-19.2	129	0.00
3	P	Chloromethane	50.000	58.008	-16.0	114	0.00
4	C	Vinyl Chloride	50.000	48.169	3.7#	105	0.00
5	T	Bromomethane	50.000	41.301	17.4	98	0.00
6	T	Chloroethane	50.000	47.119	5.8	103	0.00
7	T	Trichlorofluoromethane	50.000	50.217	-0.4	111	0.00
8	T	Diethyl Ether	50.000	54.187	-8.4	118	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.352	-6.7	117	0.00
10	T	Methyl Iodide	50.000	57.012	-14.0	110	0.00
11	T	Tert butyl alcohol	250.000	261.038	-4.4	110	0.02
12	CM	1,1-Dichloroethene	50.000	54.648	-9.3#	117	0.00
13	T	Acrolein	250.000	271.033	-8.4	131	0.00
14	T	Allyl chloride	50.000	49.771	0.5	107	0.00
15	T	Acrylonitrile	250.000	278.690	-11.5	117	0.00
16	T	Acetone	250.000	299.639	-19.9	110	0.00
17	T	Carbon Disulfide	50.000	50.896	-1.8	111	0.00
18	T	Methyl Acetate	50.000	58.005	-16.0	118	0.00
19	T	Methyl tert-butyl Ether	50.000	55.920	-11.8	117	0.00
20	T	Methylene Chloride	50.000	49.127	1.7	103	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.372	-8.7	117	0.00
22	T	Diisopropyl ether	50.000	52.729	-5.5	114	0.00
23	T	Vinyl Acetate	250.000	280.926	-12.4	115	0.00
24	P	1,1-Dichloroethane	50.000	51.809	-3.6	114	0.00
25	T	2-Butanone	250.000	287.245	-14.9	121	0.00
26	T	2,2-Dichloropropane	50.000	56.093	-12.2	123	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.792	-7.6	118	0.00
28	T	Bromochloromethane	50.000	53.838	-7.7	111	0.00
29	T	Tetrahydrofuran	250.000	281.542	-12.6	119	0.00
30	C	Chloroform	50.000	53.217	-6.4#	116	0.00
31	T	Cyclohexane	50.000	49.671	0.7	113	0.00
32	T	1,1,1-Trichloroethane	50.000	53.659	-7.3	115	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.048	-0.1	110	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	52.246	-4.5	116	0.00
36	T	1,1-Dichloropropene	50.000	52.792	-5.6	113	0.00
37	T	Ethyl Acetate	50.000	54.379	-8.8	127	0.00
38	T	Carbon Tetrachloride	50.000	51.096	-2.2	113	0.00
39	T	Methylcyclohexane	50.000	52.969	-5.9	111	0.00
40	TM	Benzene	50.000	53.172	-6.3	113	0.00
41	T	Methacrylonitrile	50.000	51.680	-3.4	113	0.00
42	TM	1,2-Dichloroethane	50.000	52.799	-5.6	113	0.00
43	T	Isopropyl Acetate	50.000	55.694	-11.4	117	0.00
44	TM	Trichloroethene	50.000	54.978	-10.0	121	0.00
45	C	1,2-Dichloropropane	50.000	52.033	-4.1#	113	0.00
46	T	Dibromomethane	50.000	55.887	-11.8	118	0.00
47	T	Bromodichloromethane	50.000	52.623	-5.2	114	0.00
48	T	Methyl methacrylate	50.000	54.782	-9.6	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	1119.694	-12.0	123	0.00
50	S	Toluene-d8	50.000	52.852	-5.7	112	0.00
51	T	4-Methyl-2-Pentanone	250.000	281.437	-12.6	117	0.00
52	CM	Toluene	50.000	53.438	-6.9#	113	0.00
53	T	t-1,3-Dichloropropene	50.000	57.136	-14.3	118	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.334	-10.7	115	0.00
55	T	1,1,2-Trichloroethane	50.000	56.983	-14.0	123	0.00
56	T	Ethyl methacrylate	50.000	57.347	-14.7	116	0.00
57	T	1,3-Dichloropropane	50.000	54.785	-9.6	117	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.119	10.0	97	0.00
59	T	2-Hexanone	250.000	295.243	-18.1	118	0.00
60	T	Dibromochloromethane	50.000	56.254	-12.5	118	0.00
61	T	1,2-Dibromoethane	50.000	56.401	-12.8	120	0.00
62	S	4-Bromofluorobenzene	50.000	53.695	-7.4	115	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	59.467	-18.9	122	0.00
65	PM	Chlorobenzene	50.000	56.956	-13.9	117	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.083	-14.2	119	0.00
67	C	Ethyl Benzene	50.000	55.995	-12.0#	115	0.00
68	T	m/p-Xylenes	100.000	117.199	-17.2	115	0.00
69	T	o-Xylene	50.000	57.209	-14.4	114	0.00
70	T	Styrene	50.000	58.298	-16.6	117	0.00
71	P	Bromoform	50.000	60.020	-20.0	122	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	54.829	-9.7	116	0.00
74	T	N-amyl acetate	50.000	55.988	-12.0	118	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.904	-7.8	114	0.00
76	T	1,2,3-Trichloropropane	50.000	43.522	13.0	110	0.00
77	T	Bromobenzene	50.000	55.649	-11.3	119	0.00
78	T	n-propylbenzene	50.000	54.340	-8.7	114	0.00
79	T	2-Chlorotoluene	50.000	53.585	-7.2	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.415	-10.8	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.039	-10.1	113	0.00
82	T	4-Chlorotoluene	50.000	54.254	-8.5	114	0.00
83	T	tert-Butylbenzene	50.000	55.801	-11.6	118	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.698	-9.4	114	0.00
85	T	sec-Butylbenzene	50.000	55.893	-11.8	117	0.00
86	T	p-Isopropyltoluene	50.000	56.211	-12.4	115	0.00
87	T	1,3-Dichlorobenzene	50.000	55.600	-11.2	117	0.00
88	T	1,4-Dichlorobenzene	50.000	55.551	-11.1	119	0.00
89	T	n-Butylbenzene	50.000	55.681	-11.4	116	0.00
90	T	Hexachloroethane	50.000	49.807	0.4	104	0.00
91	T	1,2-Dichlorobenzene	50.000	54.698	-9.4	115	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.324	-8.6	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.252	-10.5	116	0.00
94	T	Hexachlorobutadiene	50.000	55.381	-10.8	120	0.00
95	T	Naphthalene	50.000	58.926	-17.9	118	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.816	-13.6	116	0.00

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