Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
Data File : VD074889.D
Acq On : 11 Nov 2022 14:11
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD111122

Quant Time: Nov 14 00:55:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	51.041	-2.1	103	0.00
3	P	Chloromethane	50.000	51.105	-2.2	97	0.00
4	C	Vinyl Chloride	50.000	49.851	0.3#	103	0.00
5	T	Bromomethane	50.000	56.684	-13.4	117	0.00
6	T	Chloroethane	50.000	49.554	0.9	103	0.00
7	T	Trichlorofluoromethane	50.000	50.556	-1.1	107	0.00
8	T	Diethyl Ether	50.000	52.443	-4.9	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.750	-1.5	105	0.00
10	T	Methyl Iodide	50.000	48.999	2.0	104	0.00
11	T	Tert butyl alcohol	250.000	267.587	-7.0	110	0.00
12	CM	1,1-Dichloroethene	50.000	52.128	-4.3#	106	0.00
13	T	Acrolein	250.000	237.132	5.1	100	0.00
14	T	Allyl chloride	50.000	52.368	-4.7	103	0.00
15	T	Acrylonitrile	250.000	263.142	-5.3	104	0.00
16	T	Acetone	250.000	287.057	-14.8	117	0.00
17	T	Carbon Disulfide	50.000	50.741	-1.5	104	0.00
18	T	Methyl Acetate	50.000	49.145	1.7	104	0.00
19	T	Methyl tert-butyl Ether	50.000	53.332	-6.7	104	0.00
20	T	Methylene Chloride	50.000	54.847	-9.7	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.636	-5.3	105	0.00
22	T	Diisopropyl ether	50.000	54.440	-8.9	103	0.00
23	T	Vinyl Acetate	250.000	278.020	-11.2	104	0.00
24	P	1,1-Dichloroethane	50.000	51.036	-2.1	102	0.00
25	T	2-Butanone	250.000	266.706	-6.7	110	0.00
26	T	2,2-Dichloropropane	50.000	50.904	-1.8	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.603	-5.2	105	0.00
28	T	Bromochloromethane	50.000	49.935	0.1	99	0.00
29	T	Tetrahydrofuran	250.000	271.980	-8.8	105	0.00
30	C	Chloroform	50.000	51.844	-3.7#	105	0.00
31	T	Cyclohexane	50.000	48.569	2.9	102	0.00
32	T	1,1,1-Trichloroethane	50.000	51.972	-3.9	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.373	1.3	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	48.326	3.3	100	0.00
36	T	1,1-Dichloropropene	50.000	48.302	3.4	95	0.00
37	T	Ethyl Acetate	50.000	52.551	-5.1	102	0.00
38	T	Carbon Tetrachloride	50.000	48.132	3.7	94	0.00
39	T	Methylcyclohexane	50.000	53.988	-8.0	106	0.00
40	TM	Benzene	50.000	49.379	1.2	93	0.00
41	T	Methacrylonitrile	50.000	54.475	-9.0	108	0.00
42	TM	1,2-Dichloroethane	50.000	48.648	2.7	91	0.00
43	T	Isopropyl Acetate	50.000	50.927	-1.9	100	0.00
44	TM	Trichloroethene	50.000	52.280	-4.6	105	0.00
45	C	1,2-Dichloropropane	50.000	51.544	-3.1#	101	0.00
46	T	Dibromomethane	50.000	50.980	-2.0	104	0.00
47	T	Bromodichloromethane	50.000	52.456	-4.9	104	0.00
48	T	Methyl methacrylate	50.000	53.328	-6.7	104	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	1023.964	-2.4	97	0.00
50	S	Toluene-d8	50.000	47.853	4.3	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.419	-12.2	106	0.00
52	CM	Toluene	50.000	54.289	-8.6#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	53.740	-7.5	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.239	-6.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	53.115	-6.2	103	0.00
56	T	Ethyl methacrylate	50.000	49.580	0.8	103	0.00
57	T	1,3-Dichloropropane	50.000	52.485	-5.0	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	235.584	5.8	104	0.00
59	T	2-Hexanone	250.000	289.757	-15.9	110	0.00
60	T	Dibromochloromethane	50.000	52.665	-5.3	102	0.00
61	T	1,2-Dibromoethane	50.000	51.819	-3.6	102	0.00
62	S	4-Bromofluorobenzene	50.000	49.908	0.2	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	48.876	2.2	104	0.00
65	PM	Chlorobenzene	50.000	50.399	-0.8	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.922	-1.8	106	0.00
67	C	Ethyl Benzene	50.000	52.701	-5.4#	106	0.00
68	T	m/p-Xylenes	100.000	104.487	-4.5	104	0.00
69	T	o-Xylene	50.000	52.251	-4.5	102	0.00
70	T	Styrene	50.000	53.101	-6.2	104	0.00
71	P	Bromoform	50.000	49.925	0.2	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	52.848	-5.7	104	0.00
74	T	N-amyl acetate	50.000	51.903	-3.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.125	-0.3	103	0.00
76	T	1,2,3-Trichloropropane	50.000	48.881	2.2	106	0.00
77	T	Bromobenzene	50.000	49.891	0.2	102	0.00
78	T	n-propylbenzene	50.000	51.863	-3.7	103	0.00
79	T	2-Chlorotoluene	50.000	51.340	-2.7	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.004	-4.0	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.833	0.3	104	0.00
82	T	4-Chlorotoluene	50.000	51.764	-3.5	104	0.00
83	T	tert-Butylbenzene	50.000	51.538	-3.1	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.195	-4.4	104	0.00
85	T	sec-Butylbenzene	50.000	51.195	-2.4	103	0.00
86	T	p-Isopropyltoluene	50.000	52.223	-4.4	103	0.00
87	T	1,3-Dichlorobenzene	50.000	50.572	-1.1	104	0.00
88	T	1,4-Dichlorobenzene	50.000	49.900	0.2	104	0.00
89	T	n-Butylbenzene	50.000	51.195	-2.4	102	0.00
90	T	Hexachloroethane	50.000	50.469	-0.9	103	0.00
91	T	1,2-Dichlorobenzene	50.000	50.051	-0.1	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.700	4.6	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.812	-1.6	104	0.00
94	T	Hexachlorobutadiene	50.000	46.801	6.4	99	0.00
95	T	Naphthalene	50.000	51.920	-3.8	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.922	0.2	101	0.00

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