Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
Data File : VD073829.D
Acq On : 11 Jul 2022 18:11
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD071122

Quant Time: Jul 12 07:06:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 07:04:44 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	46.815	6.4	99	0.00
3	P	Chloromethane	50.000	45.229	9.5	89	0.00
4	C	Vinyl Chloride	50.000	50.233	-0.5#	95	0.00
5	T	Bromomethane	50.000	52.425	-4.8	92	0.00
6	T	Chloroethane	50.000	42.919	14.2	94	-0.01
7	T	Trichlorofluoromethane	50.000	43.721	12.6	95	0.00
8	T	Diethyl Ether	50.000	43.998	12.0	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.694	10.6	95	0.00
10	T	Methyl Iodide	50.000	40.360	19.3	91	0.00
11	T	Tert butyl alcohol	250.000	138.804	44.5#	94	0.04
12	CM	1,1-Dichloroethene	50.000	42.038	15.9#	91	0.00
13	T	Acrolein	250.000	247.934	0.8	92	0.00
14	T	Allyl chloride	50.000	45.972	8.1	97	0.00
15	T	Acrylonitrile	250.000	248.766	0.5	103	0.00
16	T	Acetone	250.000	235.163	5.9	91	0.00
17	T	Carbon Disulfide	50.000	43.872	12.3	91	0.00
18	T	Methyl Acetate	50.000	47.721	4.6	101	0.00
19	T	Methyl tert-butyl Ether	50.000	50.193	-0.4	98	0.00
20	T	Methylene Chloride	50.000	50.355	-0.7	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	42.601	14.8	89	0.00
22	T	Diisopropyl ether	50.000	48.838	2.3	96	0.00
23	T	Vinyl Acetate	250.000	265.762	-6.3	100	0.00
24	P	1,1-Dichloroethane	50.000	46.639	6.7	98	0.00
25	T	2-Butanone	250.000	244.448	2.2	95	0.00
26	T	2,2-Dichloropropane	50.000	45.668	8.7	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.003	8.0	97	0.00
28	T	Bromochloromethane	50.000	45.634	8.7	92	0.00
29	T	Tetrahydrofuran	250.000	242.600	3.0	99	0.00
30	C	Chloroform	50.000	46.979	6.0#	95	0.00
31	T	Cyclohexane	50.000	48.551	2.9	94	0.00
32	T	1,1,1-Trichloroethane	50.000	47.289	5.4	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.655	10.7	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	50.813	-1.6	101	0.00
36	T	1,1-Dichloropropene	50.000	45.709	8.6	95	0.00
37	T	Ethyl Acetate	50.000	46.799	6.4	101	0.00
38	T	Carbon Tetrachloride	50.000	46.230	7.5	93	0.01
39	T	Methylcyclohexane	50.000	41.506	17.0	92	0.00
40	TM	Benzene	50.000	45.706	8.6	94	0.00
41	T	Methacrylonitrile	50.000	47.998	4.0	88	0.00
42	TM	1,2-Dichloroethane	50.000	46.862	6.3	94	0.01
43	T	Isopropyl Acetate	50.000	49.851	0.3	98	0.00
44	TM	Trichloroethene	50.000	47.004	6.0	99	0.00
45	C	1,2-Dichloropropane	50.000	49.122	1.8#	98	0.00
46	T	Dibromomethane	50.000	48.607	2.8	95	0.00
47	T	Bromodichloromethane	50.000	49.076	1.8	95	0.00
48	T	Methyl methacrylate	50.000	51.164	-2.3	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1057.953	-5.8	98	0.00
50	S	Toluene-d8	50.000	42.292	15.4	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.148	-2.5	101	0.00
52	CM	Toluene	50.000	46.708	6.6#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	48.220	3.6	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.269	5.5	94	0.00
55	T	1,1,2-Trichloroethane	50.000	49.610	0.8	101	0.00
56	T	Ethyl methacrylate	50.000	52.331	-4.7	100	0.00
57	T	1,3-Dichloropropane	50.000	50.029	-0.1	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	230.327	7.9	99	0.00
59	T	2-Hexanone	250.000	261.840	-4.7	100	0.00
60	T	Dibromochloromethane	50.000	48.664	2.7	95	0.00
61	T	1,2-Dibromoethane	50.000	49.772	0.5	99	0.00
62	S	4-Bromofluorobenzene	50.000	51.127	-2.3	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	42.100	15.8	92	0.00
65	PM	Chlorobenzene	50.000	47.660	4.7	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.125	1.8	96	0.00
67	C	Ethyl Benzene	50.000	46.437	7.1#	94	0.00
68	T	m/p-Xylenes	100.000	95.107	4.9	95	0.00
69	T	o-Xylene	50.000	47.496	5.0	95	0.00
70	T	Styrene	50.000	48.854	2.3	97	0.00
71	P	Bromoform	50.000	50.098	-0.2	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	47.659	4.7	96	0.00
74	T	N-amyl acetate	50.000	51.328	-2.7	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.794	-1.6	100	0.00
76	T	1,2,3-Trichloropropane	50.000	44.522	11.0	85	0.00
77	T	Bromobenzene	50.000	47.862	4.3	97	0.00
78	T	n-propylbenzene	50.000	46.652	6.7	93	0.00
79	T	2-Chlorotoluene	50.000	46.576	6.8	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.022	4.0	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.059	-2.1	96	0.00
82	T	4-Chlorotoluene	50.000	47.216	5.6	95	0.00
83	T	tert-Butylbenzene	50.000	47.404	5.2	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.514	5.0	95	0.00
85	T	sec-Butylbenzene	50.000	47.367	5.3	94	0.00
86	T	p-Isopropyltoluene	50.000	47.424	5.2	93	0.00
87	T	1,3-Dichlorobenzene	50.000	47.910	4.2	96	0.00
88	T	1,4-Dichlorobenzene	50.000	48.170	3.7	98	0.00
89	T	n-Butylbenzene	50.000	47.812	4.4	93	0.00
90	T	Hexachloroethane	50.000	48.925	2.2	96	0.00
91	T	1,2-Dichlorobenzene	50.000	48.650	2.7	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.331	1.3	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.931	6.1	92	0.00
94	T	Hexachlorobutadiene	50.000	47.098	5.8	93	0.00
95	T	Naphthalene	50.000	50.713	-1.4	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.040	3.9	94	0.00

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