Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
Data File : VD077912.D
Acq On : 15 Dec 2023 19:05
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 16 04:06:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	39.439	21.1	68	0.00
3	P	Chloromethane	50.000	55.150	-10.3	93	0.00
4	C	Vinyl Chloride	50.000	53.989	-8.0#	87	0.00
5	T	Bromomethane	50.000	64.248	-28.5#	103	0.00
6	T	Chloroethane	50.000	58.216	-16.4	95	0.00
7	T	Trichlorofluoromethane	50.000	46.355	7.3	76	0.00
8	T	Diethyl Ether	50.000	57.900	-15.8	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.635	6.7	75	0.00
10	T	Methyl Iodide	50.000	63.137	-26.3#	107	0.00
11	T	Tert butyl alcohol	250.000	253.527	-1.4	86	0.00
12	CM	1,1-Dichloroethene	50.000	50.978	-2.0#	82	0.00
13	T	Acrolein	250.000	194.155	22.3	65	0.00
14	T	Allyl chloride	50.000	52.106	-4.2	85	0.00
15	T	Acrylonitrile	250.000	285.183	-14.1	94	0.00
16	T	Acetone	250.000	265.542	-6.2	94	0.00
17	T	Carbon Disulfide	50.000	47.206	5.6	77	0.00
18	T	Methyl Acetate	50.000	63.903	-27.8#	106	0.00
19	T	Methyl tert-butyl Ether	50.000	58.887	-17.8	96	0.00
20	T	Methylene Chloride	50.000	57.829	-15.7	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.425	-6.8	84	0.00
22	T	Diisopropyl ether	50.000	55.636	-11.3	89	0.00
23	T	Vinyl Acetate	250.000	261.687	-4.7	84	0.00
24	P	1,1-Dichloroethane	50.000	54.863	-9.7	89	0.00
25	T	2-Butanone	250.000	270.418	-8.2	94	0.00
26	T	2,2-Dichloropropane	50.000	49.069	1.9	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	58.464	-16.9	93	0.00
28	T	Bromochloromethane	50.000	50.182	-0.4	81	0.00
29	T	Tetrahydrofuran	250.000	272.936	-9.2	91	0.00
30	C	Chloroform	50.000	55.710	-11.4#	89	0.00
31	T	Cyclohexane	50.000	43.288	13.4	72	0.00
32	T	1,1,1-Trichloroethane	50.000	52.669	-5.3	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.109	-10.2	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	52.591	-5.2	93	0.00
36	T	1,1-Dichloropropene	50.000	46.015	8.0	80	0.00
37	T	Ethyl Acetate	50.000	42.011	16.0	84	0.00
38	T	Carbon Tetrachloride	50.000	45.028	9.9	78	0.00
39	T	Methylcyclohexane	50.000	42.732	14.5	72	0.00
40	TM	Benzene	50.000	51.171	-2.3	90	0.00
41	T	Methacrylonitrile	50.000	57.595	-15.2	112	-0.01
42	TM	1,2-Dichloroethane	50.000	51.813	-3.6	92	0.00
43	T	Isopropyl Acetate	50.000	50.489	-1.0	92	0.00
44	TM	Trichloroethene	50.000	50.362	-0.7	87	0.00
45	C	1,2-Dichloropropane	50.000	51.690	-3.4#	91	0.00
46	T	Dibromomethane	50.000	54.584	-9.2	96	0.00
47	T	Bromodichloromethane	50.000	53.713	-7.4	94	0.00
48	T	Methyl methacrylate	50.000	52.894	-5.8	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	963.627	3.6	98	0.00
50	S	Toluene-d8	50.000	51.966	-3.9	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.436	-2.6	92	0.00
52	CM	Toluene	50.000	51.778	-3.6#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	53.357	-6.7	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.306	-4.6	91	0.00
55	T	1,1,2-Trichloroethane	50.000	53.177	-6.4	94	0.00
56	T	Ethyl methacrylate	50.000	55.970	-11.9	98	0.00
57	T	1,3-Dichloropropane	50.000	55.638	-11.3	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	297.776	-19.1	115	0.00
59	T	2-Hexanone	250.000	221.549	11.4	91	0.00
60	T	Dibromochloromethane	50.000	53.093	-6.2	93	0.00
61	T	1,2-Dibromoethane	50.000	54.026	-8.1	97	0.00
62	S	4-Bromofluorobenzene	50.000	51.759	-3.5	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	48.345	3.3	85	0.00
65	PM	Chlorobenzene	50.000	48.778	2.4	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.730	-1.5	90	0.00
67	C	Ethyl Benzene	50.000	49.897	0.2#	87	0.00
68	T	m/p-Xylenes	100.000	102.303	-2.3	88	0.00
69	T	o-Xylene	50.000	52.694	-5.4	91	0.00
70	T	Styrene	50.000	53.112	-6.2	91	0.00
71	P	Bromoform	50.000	52.979	-6.0	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	49.203	1.6	85	0.00
74	T	N-amyl acetate	50.000	47.875	4.3	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.856	-5.7	94	0.00
76	T	1,2,3-Trichloropropane	50.000	52.886	-5.8	82	0.00
77	T	Bromobenzene	50.000	50.916	-1.8	91	0.00
78	T	n-propylbenzene	50.000	49.063	1.9	84	0.00
79	T	2-Chlorotoluene	50.000	50.320	-0.6	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.876	0.2	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.890	-3.8	94	0.00
82	T	4-Chlorotoluene	50.000	50.979	-2.0	89	0.00
83	T	tert-Butylbenzene	50.000	52.344	-4.7	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.591	-3.2	88	0.00
85	T	sec-Butylbenzene	50.000	48.944	2.1	83	0.00
86	T	p-Isopropyltoluene	50.000	49.665	0.7	83	0.00
87	T	1,3-Dichlorobenzene	50.000	50.722	-1.4	88	0.00
88	T	1,4-Dichlorobenzene	50.000	50.438	-0.9	89	0.00
89	T	n-Butylbenzene	50.000	47.519	5.0	79	0.00
90	T	Hexachloroethane	50.000	51.669	-3.3	89	0.00
91	T	1,2-Dichlorobenzene	50.000	51.443	-2.9	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.276	1.4	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.336	5.3	88	0.00
94	T	Hexachlorobutadiene	50.000	43.692	12.6	76	0.00
95	T	Naphthalene	50.000	54.388	-8.8	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.725	0.5	90	0.00

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