Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
Data File : VD077359.D
Acq On : 20 Oct 2023 10:41
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 23 08:25:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	51.054	-2.1	98	0.00
3	P	Chloromethane	50.000	46.981	6.0	87	0.00
4	C	Vinyl Chloride	50.000	47.694	4.6#	86	0.00
5	T	Bromomethane	50.000	48.193	3.6	92	0.00
6	T	Chloroethane	50.000	48.988	2.0	91	0.00
7	T	Trichlorofluoromethane	50.000	44.706	10.6	86	0.00
8	T	Diethyl Ether	50.000	48.274	3.5	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.576	6.8	98	0.00
10	T	Methyl Iodide	50.000	34.920	30.2#	66	0.00
11	T	Tert butyl alcohol	250.000	260.702	-4.3	105	0.00
12	CM	1,1-Dichloroethene	50.000	44.035	11.9#	91	0.00
13	T	Acrolein	250.000	238.735	4.5	117	0.00
14	T	Allyl chloride	50.000	44.650	10.7	89	0.00
15	T	Acrylonitrile	250.000	303.656	-21.5	111	0.00
16	T	Acetone	250.000	275.756	-10.3	119	0.00
17	T	Carbon Disulfide	50.000	42.696	14.6	85	0.00
18	T	Methyl Acetate	50.000	57.251	-14.5	117	0.00
19	T	Methyl tert-butyl Ether	50.000	53.528	-7.1	94	0.00
20	T	Methylene Chloride	50.000	48.999	2.0	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.750	8.5	82	0.00
22	T	Diisopropyl ether	50.000	61.157	-22.3	103	0.00
23	T	Vinyl Acetate	250.000	324.701	-29.9#	128	0.00
24	P	1,1-Dichloroethane	50.000	53.746	-7.5	97	0.00
25	T	2-Butanone	250.000	316.406	-26.6#	113	0.00
26	T	2,2-Dichloropropane	50.000	44.151	11.7	81	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.313	9.4	82	0.00
28	T	Bromochloromethane	50.000	59.110	-18.2	111	0.00
29	T	Tetrahydrofuran	250.000	338.669	-35.5#	119	0.00
30	C	Chloroform	50.000	48.229	3.5#	86	0.00
31	T	Cyclohexane	50.000	48.783	2.4	93	0.00
32	T	1,1,1-Trichloroethane	50.000	47.132	5.7	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.113	-10.2	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	53.733	-7.5	103	0.00
36	T	1,1-Dichloropropene	50.000	51.533	-3.1	88	0.00
37	T	Ethyl Acetate	50.000	65.876	-31.8#	125	0.00
38	T	Carbon Tetrachloride	50.000	49.790	0.4	87	0.00
39	T	Methylcyclohexane	50.000	46.147	7.7	79	0.00
40	TM	Benzene	50.000	51.374	-2.7	87	0.00
41	T	Methacrylonitrile	50.000	68.993	-38.0#	102	0.00
42	TM	1,2-Dichloroethane	50.000	55.497	-11.0	95	0.00
43	T	Isopropyl Acetate	50.000	65.075	-30.2#	112	0.00
44	TM	Trichloroethene	50.000	44.514	11.0	76	0.00
45	C	1,2-Dichloropropane	50.000	55.203	-10.4#	93	0.00
46	T	Dibromomethane	50.000	55.315	-10.6	94	0.00
47	T	Bromodichloromethane	50.000	51.282	-2.6	88	0.00
48	T	Methyl methacrylate	50.000	64.272	-28.5#	107	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1188.824	-18.9	104	0.00
50	S	Toluene-d8	50.000	52.597	-5.2	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	365.365	-46.1#	120	0.00
52	CM	Toluene	50.000	50.665	-1.3#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	54.587	-9.2	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.173	-4.3	87	0.00
55	T	1,1,2-Trichloroethane	50.000	54.919	-9.8	93	0.00
56	T	Ethyl methacrylate	50.000	59.556	-19.1	97	0.00
57	T	1,3-Dichloropropane	50.000	56.487	-13.0	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	297.583	-19.0	98	0.00
59	T	2-Hexanone	250.000	364.702	-45.9#	119	0.00
60	T	Dibromochloromethane	50.000	52.859	-5.7	91	0.00
61	T	1,2-Dibromoethane	50.000	65.017	-30.0#	111	0.00
62	S	4-Bromofluorobenzene	50.000	54.775	-9.5	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	35.725	28.5#	78	0.00
65	PM	Chlorobenzene	50.000	43.265	13.5	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.095	-2.2	110	0.00
67	C	Ethyl Benzene	50.000	50.747	-1.5#	105	0.00
68	T	m/p-Xylenes	100.000	101.646	-1.6	104	0.00
69	T	o-Xylene	50.000	44.934	10.1	92	0.00
70	T	Styrene	50.000	46.777	6.4	93	0.00
71	P	Bromoform	50.000	42.454	15.1	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	44.829	10.3	79	0.00
74	T	N-amyl acetate	50.000	60.171	-20.3	110	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.158	-12.3	104	0.00
76	T	1,2,3-Trichloropropane	50.000	56.385	-12.8	103	0.00
77	T	Bromobenzene	50.000	44.046	11.9	79	0.00
78	T	n-propylbenzene	50.000	47.314	5.4	83	0.00
79	T	2-Chlorotoluene	50.000	47.090	5.8	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.784	6.4	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.000	-16.0	103	0.00
82	T	4-Chlorotoluene	50.000	48.952	2.1	88	0.00
83	T	tert-Butylbenzene	50.000	44.023	12.0	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.496	5.0	82	0.00
85	T	sec-Butylbenzene	50.000	45.951	8.1	82	0.00
86	T	p-Isopropyltoluene	50.000	44.902	10.2	79	0.00
87	T	1,3-Dichlorobenzene	50.000	43.890	12.2	80	0.00
88	T	1,4-Dichlorobenzene	50.000	43.381	13.2	81	0.00
89	T	n-Butylbenzene	50.000	47.533	4.9	85	0.00
90	T	Hexachloroethane	50.000	44.912	10.2	82	0.00
91	T	1,2-Dichlorobenzene	50.000	45.237	9.5	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	61.133	-22.3	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	41.269	17.5	75	0.00
94	T	Hexachlorobutadiene	50.000	36.876	26.2#	70	0.00
95	T	Naphthalene	50.000	49.570	0.9	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.208	13.6	78	0.00

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