Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
Data File : VD077374.D
Acq On : 20 Oct 2023 19:35
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 23 08:20:29 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	49.480	1.0	87	0.00
3	P	Chloromethane	50.000	45.280	9.4	77	0.00
4	C	Vinyl Chloride	50.000	49.737	0.5#	82	0.00
5	T	Bromomethane	50.000	60.113	-20.2	106	0.00
6	T	Chloroethane	50.000	55.284	-10.6	94	0.00
7	T	Trichlorofluoromethane	50.000	55.782	-11.6	99	0.00
8	T	Diethyl Ether	50.000	48.046	3.9	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.476	-3.0	100	0.00
10	T	Methyl Iodide	50.000	48.935	2.1	85	0.00
11	T	Tert butyl alcohol	250.000	209.693	16.1	78	0.00
12	CM	1,1-Dichloroethene	50.000	48.802	2.4#	93	0.00
13	T	Acrolein	250.000	216.164	13.5	98	0.00
14	T	Allyl chloride	50.000	46.242	7.5	85	0.00
15	T	Acrylonitrile	250.000	278.850	-11.5	93	0.00
16	T	Acetone	250.000	259.117	-3.6	103	0.00
17	T	Carbon Disulfide	50.000	51.080	-2.2	93	0.00
18	T	Methyl Acetate	50.000	52.020	-4.0	98	0.00
19	T	Methyl tert-butyl Ether	50.000	53.305	-6.6	86	0.00
20	T	Methylene Chloride	50.000	58.272	-16.5	92	-0.01
21	T	trans-1,2-Dichloroethene	50.000	49.898	0.2	82	0.00
22	T	Diisopropyl ether	50.000	61.554	-23.1	95	0.00
23	T	Vinyl Acetate	250.000	305.434	-22.2	111	0.00
24	P	1,1-Dichloroethane	50.000	53.937	-7.9	90	0.00
25	T	2-Butanone	250.000	279.627	-11.9	92	0.00
26	T	2,2-Dichloropropane	50.000	50.153	-0.3	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.575	-1.2	84	0.00
28	T	Bromochloromethane	50.000	59.620	-19.2	103	0.00
29	T	Tetrahydrofuran	250.000	298.031	-19.2	96	0.00
30	C	Chloroform	50.000	52.448	-4.9#	86	0.00
31	T	Cyclohexane	50.000	50.945	-1.9	89	0.00
32	T	1,1,1-Trichloroethane	50.000	51.300	-2.6	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.449	5.1	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	42.777	14.4	83	0.00
36	T	1,1-Dichloropropene	50.000	50.363	-0.7	87	0.00
37	T	Ethyl Acetate	50.000	52.568	-5.1	101	0.00
38	T	Carbon Tetrachloride	50.000	47.741	4.5	85	0.00
39	T	Methylcyclohexane	50.000	48.632	2.7	84	0.00
40	TM	Benzene	50.000	51.450	-2.9	88	0.00
41	T	Methacrylonitrile	50.000	61.150	-22.3	92	0.00
42	TM	1,2-Dichloroethane	50.000	53.378	-6.8	92	0.00
43	T	Isopropyl Acetate	50.000	54.655	-9.3	95	0.00
44	TM	Trichloroethene	50.000	45.238	9.5	79	0.00
45	C	1,2-Dichloropropane	50.000	55.040	-10.1#	94	0.00
46	T	Dibromomethane	50.000	50.989	-2.0	88	0.00
47	T	Bromodichloromethane	50.000	52.015	-4.0	90	0.00
48	T	Methyl methacrylate	50.000	56.575	-13.2	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	922.562	7.7	81	0.00
50	S	Toluene-d8	50.000	47.663	4.7	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	311.353	-24.5	103	0.00
52	CM	Toluene	50.000	57.012	-14.0#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	55.297	-10.6	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.519	-11.0	94	0.00
55	T	1,1,2-Trichloroethane	50.000	56.698	-13.4	98	0.00
56	T	Ethyl methacrylate	50.000	58.936	-17.9	97	0.00
57	T	1,3-Dichloropropane	50.000	56.817	-13.6	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	339.926	-36.0#	114	0.00
59	T	2-Hexanone	250.000	298.970	-19.6	99	0.00
60	T	Dibromochloromethane	50.000	48.059	3.9	84	0.00
61	T	1,2-Dibromoethane	50.000	51.628	-3.3	89	0.00
62	S	4-Bromofluorobenzene	50.000	43.786	12.4	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	46.186	7.6	85	0.00
65	PM	Chlorobenzene	50.000	45.452	9.1	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.576	8.8	83	0.00
67	C	Ethyl Benzene	50.000	48.698	2.6#	85	0.00
68	T	m/p-Xylenes	100.000	100.276	-0.3	87	0.00
69	T	o-Xylene	50.000	48.221	3.6	84	0.00
70	T	Styrene	50.000	51.393	-2.8	86	0.00
71	P	Bromoform	50.000	45.656	8.7	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	45.560	8.9	85	0.00
74	T	N-amyl acetate	50.000	52.069	-4.1	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.574	-3.1	101	0.00
76	T	1,2,3-Trichloropropane	50.000	51.321	-2.6	98	0.00
77	T	Bromobenzene	50.000	43.680	12.6	83	0.00
78	T	n-propylbenzene	50.000	50.822	-1.6	94	0.00
79	T	2-Chlorotoluene	50.000	53.100	-6.2	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.224	-8.4	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.101	1.8	92	0.00
82	T	4-Chlorotoluene	50.000	50.960	-1.9	96	0.00
83	T	tert-Butylbenzene	50.000	47.721	4.6	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.813	-1.6	92	0.00
85	T	sec-Butylbenzene	50.000	48.602	2.8	91	0.00
86	T	p-Isopropyltoluene	50.000	47.090	5.8	87	0.00
87	T	1,3-Dichlorobenzene	50.000	45.152	9.7	86	0.00
88	T	1,4-Dichlorobenzene	50.000	43.499	13.0	85	0.00
89	T	n-Butylbenzene	50.000	48.654	2.7	91	0.00
90	T	Hexachloroethane	50.000	45.601	8.8	87	0.00
91	T	1,2-Dichlorobenzene	50.000	43.913	12.2	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.867	2.3	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	40.833	18.3	78	0.00
94	T	Hexachlorobutadiene	50.000	38.825	22.3	77	0.00
95	T	Naphthalene	50.000	43.059	13.9	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.219	17.6	78	0.00

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