Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
Data File : VD076587.D
Acq On : 26 Jun 2023 18:28
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 27 04:29:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 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	79	0.00
2	T	Dichlorodifluoromethane	50.000	42.855	14.3	75	0.00
3	P	Chloromethane	50.000	42.927	14.1	72	0.00
4	C	Vinyl Chloride	50.000	43.471	13.1#	71	0.00
5	T	Bromomethane	50.000	39.130	21.7	68	0.00
6	T	Chloroethane	50.000	47.194	5.6	78	0.00
7	T	Trichlorofluoromethane	50.000	50.054	-0.1	88	0.00
8	T	Diethyl Ether	50.000	46.427	7.1	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.602	8.8	79	0.00
10	T	Methyl Iodide	50.000	45.522	9.0	69	0.00
11	T	Tert butyl alcohol	250.000	213.920	14.4	71	0.00
12	CM	1,1-Dichloroethene	50.000	45.032	9.9#	75	0.00
13	T	Acrolein	250.000	261.074	-4.4	85	0.00
14	T	Allyl chloride	50.000	42.362	15.3	68	0.00
15	T	Acrylonitrile	250.000	239.034	4.4	72	0.00
16	T	Acetone	250.000	217.492	13.0	64	0.00
17	T	Carbon Disulfide	50.000	41.083	17.8	67	0.00
18	T	Methyl Acetate	50.000	45.967	8.1	70	0.00
19	T	Methyl tert-butyl Ether	50.000	48.191	3.6	74	0.00
20	T	Methylene Chloride	50.000	39.129	21.7	60	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.836	6.3	75	0.00
22	T	Diisopropyl ether	50.000	45.977	8.0	70	0.00
23	T	Vinyl Acetate	250.000	200.455	19.8	60	0.00
24	P	1,1-Dichloroethane	50.000	45.790	8.4	72	-0.01
25	T	2-Butanone	250.000	225.528	9.8	68	0.00
26	T	2,2-Dichloropropane	50.000	45.116	9.8	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.668	4.7	74	0.00
28	T	Bromochloromethane	50.000	42.676	14.6	66	0.00
29	T	Tetrahydrofuran	250.000	230.772	7.7	70	0.00
30	C	Chloroform	50.000	49.678	0.6#	78	0.00
31	T	Cyclohexane	50.000	43.419	13.2	73	0.00
32	T	1,1,1-Trichloroethane	50.000	51.049	-2.1	83	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.208	3.6	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	51.453	-2.9	77	0.00
36	T	1,1-Dichloropropene	50.000	49.144	1.7	79	0.00
37	T	Ethyl Acetate	50.000	47.173	5.7	72	0.00
38	T	Carbon Tetrachloride	50.000	53.588	-7.2	84	0.00
39	T	Methylcyclohexane	50.000	45.751	8.5	75	0.00
40	TM	Benzene	50.000	48.877	2.2	75	0.00
41	T	Methacrylonitrile	50.000	53.761	-7.5	77	0.00
42	TM	1,2-Dichloroethane	50.000	53.656	-7.3	78	0.00
43	T	Isopropyl Acetate	50.000	47.917	4.2	71	0.00
44	TM	Trichloroethene	50.000	48.943	2.1	76	0.00
45	C	1,2-Dichloropropane	50.000	49.985	0.0#	75	0.00
46	T	Dibromomethane	50.000	54.366	-8.7	80	0.00
47	T	Bromodichloromethane	50.000	52.297	-4.6	78	0.00
48	T	Methyl methacrylate	50.000	46.503	7.0	67	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1109.097	-10.9	84	0.00
50	S	Toluene-d8	50.000	48.188	3.6	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.496	-3.8	75	0.00
52	CM	Toluene	50.000	49.994	0.0#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	50.265	-0.5	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.899	2.2	73	0.00
55	T	1,1,2-Trichloroethane	50.000	51.478	-3.0	77	0.00
56	T	Ethyl methacrylate	50.000	49.696	0.6	72	0.00
57	T	1,3-Dichloropropane	50.000	50.698	-1.4	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	224.242	10.3	69	0.00
59	T	2-Hexanone	250.000	251.879	-0.8	72	0.00
60	T	Dibromochloromethane	50.000	54.682	-9.4	80	0.00
61	T	1,2-Dibromoethane	50.000	53.420	-6.8	79	0.00
62	S	4-Bromofluorobenzene	50.000	51.377	-2.8	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	51.842	-3.7	83	0.00
65	PM	Chlorobenzene	50.000	49.689	0.6	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.124	-8.2	82	0.00
67	C	Ethyl Benzene	50.000	50.024	-0.0#	78	0.00
68	T	m/p-Xylenes	100.000	100.162	-0.2	79	0.00
69	T	o-Xylene	50.000	50.175	-0.3	78	0.00
70	T	Styrene	50.000	51.045	-2.1	80	0.00
71	P	Bromoform	50.000	56.340	-12.7	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	47.358	5.3	82	0.00
74	T	N-amyl acetate	50.000	45.601	8.8	73	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.675	2.7	78	0.00
76	T	1,2,3-Trichloropropane	50.000	49.146	1.7	86	0.00
77	T	Bromobenzene	50.000	47.720	4.6	81	0.00
78	T	n-propylbenzene	50.000	46.801	6.4	81	0.00
79	T	2-Chlorotoluene	50.000	47.090	5.8	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.506	5.0	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.877	14.2	68	0.00
82	T	4-Chlorotoluene	50.000	48.218	3.6	82	0.00
83	T	tert-Butylbenzene	50.000	47.968	4.1	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.763	4.5	80	0.00
85	T	sec-Butylbenzene	50.000	47.938	4.1	83	0.00
86	T	p-Isopropyltoluene	50.000	48.350	3.3	84	0.00
87	T	1,3-Dichlorobenzene	50.000	48.318	3.4	81	0.00
88	T	1,4-Dichlorobenzene	50.000	48.384	3.2	83	0.00
89	T	n-Butylbenzene	50.000	47.705	4.6	83	0.00
90	T	Hexachloroethane	50.000	47.933	4.1	82	0.00
91	T	1,2-Dichlorobenzene	50.000	48.229	3.5	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.134	9.7	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.131	7.7	78	0.00
94	T	Hexachlorobutadiene	50.000	47.744	4.5	84	0.00
95	T	Naphthalene	50.000	47.855	4.3	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.158	3.7	80	0.00

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