Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
Data File : VY013998.D
Acq On : 05 Jun 2023 10:54
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 05 15:30:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	47.073	5.9	69	0.00
3	P	Chloromethane	50.000	46.780	6.4	72	0.00
4	C	Vinyl Chloride	50.000	48.206	3.6#	72	0.00
5	T	Bromomethane	50.000	42.582	14.8	74	0.00
6	T	Chloroethane	50.000	44.251	11.5	71	0.01
7	T	Trichlorofluoromethane	50.000	50.109	-0.2	75	0.00
8	T	Diethyl Ether	50.000	47.086	5.8	73	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.825	-1.7	75	0.00
10	T	Methyl Iodide	50.000	47.928	4.1	68	0.01
11	T	Tert butyl alcohol	250.000	126.387	49.4#	65	0.00
12	CM	1,1-Dichloroethene	50.000	49.226	1.5#	74	0.00
13	T	Acrolein	250.000	173.761	30.5#	64	0.00
14	T	Allyl chloride	50.000	47.976	4.0	72	0.01
15	T	Acrylonitrile	250.000	245.460	1.8	77	0.00
16	T	Acetone	250.000	265.150	-6.1	75	0.00
17	T	Carbon Disulfide	50.000	42.391	15.2	64	0.01
18	T	Methyl Acetate	50.000	46.249	7.5	73	0.00
19	T	Methyl tert-butyl Ether	50.000	51.339	-2.7	78	0.01
20	T	Methylene Chloride	50.000	50.665	-1.3	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.817	-1.6	77	0.01
22	T	Diisopropyl ether	50.000	51.510	-3.0	76	0.00
23	T	Vinyl Acetate	250.000	243.857	2.5	72	0.01
24	P	1,1-Dichloroethane	50.000	50.078	-0.2	77	0.01
25	T	2-Butanone	250.000	242.059	3.2	74	0.00
26	T	2,2-Dichloropropane	50.000	49.565	0.9	76	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.955	0.1	76	0.01
28	T	Bromochloromethane	50.000	49.257	1.5	76	0.01
29	T	Tetrahydrofuran	250.000	219.654	12.1	69	0.00
30	C	Chloroform	50.000	51.474	-2.9#	78	0.00
31	T	Cyclohexane	50.000	43.676	12.6	68	0.00
32	T	1,1,1-Trichloroethane	50.000	50.719	-1.4	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.926	4.1	74	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	52.719	-5.4	76	0.01
36	T	1,1-Dichloropropene	50.000	51.960	-3.9	75	0.01
37	T	Ethyl Acetate	50.000	43.864	12.3	68	0.00
38	T	Carbon Tetrachloride	50.000	52.842	-5.7	77	0.01
39	T	Methylcyclohexane	50.000	49.076	1.8	68	0.00
40	TM	Benzene	50.000	51.268	-2.5	75	0.00
41	T	Methacrylonitrile	50.000	43.190	13.6	70	0.00
42	TM	1,2-Dichloroethane	50.000	50.541	-1.1	76	0.00
43	T	Isopropyl Acetate	50.000	47.422	5.2	71	0.00
44	TM	Trichloroethene	50.000	52.165	-4.3	77	0.00
45	C	1,2-Dichloropropane	50.000	51.581	-3.2#	76	0.00
46	T	Dibromomethane	50.000	50.072	-0.1	75	0.00
47	T	Bromodichloromethane	50.000	53.161	-6.3	78	0.00
48	T	Methyl methacrylate	50.000	48.190	3.6	71	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	953.684	4.6	71	0.01
50	S	Toluene-d8	50.000	51.152	-2.3	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.014	5.6	71	0.00
52	CM	Toluene	50.000	51.966	-3.9#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	51.673	-3.3	75	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.839	-5.7	77	0.00
55	T	1,1,2-Trichloroethane	50.000	53.253	-6.5	79	0.00
56	T	Ethyl methacrylate	50.000	50.087	-0.2	72	0.00
57	T	1,3-Dichloropropane	50.000	50.974	-1.9	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	249.957	0.0	77	0.00
59	T	2-Hexanone	250.000	248.517	0.6	71	0.00
60	T	Dibromochloromethane	50.000	53.065	-6.1	78	0.00
61	T	1,2-Dibromoethane	50.000	49.958	0.1	75	0.00
62	S	4-Bromofluorobenzene	50.000	52.711	-5.4	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64	T	Tetrachloroethene	50.000	56.086	-12.2	83	0.00
65	PM	Chlorobenzene	50.000	52.038	-4.1	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.081	-8.2	79	0.00
67	C	Ethyl Benzene	50.000	52.896	-5.8#	76	0.00
68	T	m/p-Xylenes	100.000	107.527	-7.5	77	0.00
69	T	o-Xylene	50.000	53.345	-6.7	76	0.00
70	T	Styrene	50.000	54.317	-8.6	77	0.00
71	P	Bromoform	50.000	51.742	-3.5	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	52.577	-5.2	77	0.00
74	T	N-amyl acetate	50.000	46.364	7.3	69	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.514	5.0	73	0.00
76	T	1,2,3-Trichloropropane	50.000	52.552	-5.1	86	0.00
77	T	Bromobenzene	50.000	52.265	-4.5	78	0.00
78	T	n-propylbenzene	50.000	53.435	-6.9	78	0.00
79	T	2-Chlorotoluene	50.000	52.979	-6.0	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.743	-7.5	78	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.472	3.1	74	0.00
82	T	4-Chlorotoluene	50.000	52.108	-4.2	77	0.00
83	T	tert-Butylbenzene	50.000	53.910	-7.8	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.446	-6.9	78	0.00
85	T	sec-Butylbenzene	50.000	53.765	-7.5	78	0.00
86	T	p-Isopropyltoluene	50.000	53.834	-7.7	78	0.00
87	T	1,3-Dichlorobenzene	50.000	52.438	-4.9	79	0.00
88	T	1,4-Dichlorobenzene	50.000	51.383	-2.8	78	0.00
89	T	n-Butylbenzene	50.000	52.929	-5.9	76	0.00
90	T	Hexachloroethane	50.000	51.175	-2.3	78	0.00
91	T	1,2-Dichlorobenzene	50.000	51.205	-2.4	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.626	8.7	70	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.657	0.7	72	0.00
94	T	Hexachlorobutadiene	50.000	52.414	-4.8	78	0.00
95	T	Naphthalene	50.000	43.052	13.9	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.501	3.0	70	0.00

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