Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014227.D
Acq On : 19 Jun 2023 13:21
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 19 17:02:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	47.431	5.1	95	0.00
3	P	Chloromethane	50.000	44.341	11.3	91	0.00
4	C	Vinyl Chloride	50.000	47.956	4.1#	96	0.00
5	T	Bromomethane	50.000	40.435	19.1	90	-0.02
6	T	Chloroethane	50.000	44.606	10.8	94	-0.01
7	T	Trichlorofluoromethane	50.000	51.937	-3.9	104	-0.02
8	T	Diethyl Ether	50.000	46.606	6.8	96	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.114	-8.2	105	-0.02
10	T	Methyl Iodide	50.000	51.378	-2.8	98	-0.01
11	T	Tert butyl alcohol	250.000	254.066	-1.6	108	-0.02
12	CM	1,1-Dichloroethene	50.000	50.696	-1.4#	102	-0.01
13	T	Acrolein	250.000	234.937	6.0	91	0.00
14	T	Allyl chloride	50.000	48.002	4.0	95	-0.02
15	T	Acrylonitrile	250.000	235.000	6.0	96	-0.01
16	T	Acetone	250.000	234.315	6.3	107	-0.02
17	T	Carbon Disulfide	50.000	47.482	5.0	96	-0.01
18	T	Methyl Acetate	50.000	46.456	7.1	100	-0.01
19	T	Methyl tert-butyl Ether	50.000	46.021	8.0	89	-0.01
20	T	Methylene Chloride	50.000	61.770	-23.5	118	-0.01
21	T	trans-1,2-Dichloroethene	50.000	47.141	5.7	92	-0.01
22	T	Diisopropyl ether	50.000	46.537	6.9	91	0.00
23	T	Vinyl Acetate	250.000	234.853	6.1	92	-0.01
24	P	1,1-Dichloroethane	50.000	46.746	6.5	94	-0.01
25	T	2-Butanone	250.000	244.117	2.4	106	-0.01
26	T	2,2-Dichloropropane	50.000	49.902	0.2	101	-0.01
27	T	cis-1,2-Dichloroethene	50.000	47.080	5.8	95	0.00
28	T	Bromochloromethane	50.000	43.356	13.3	92	0.00
29	T	Tetrahydrofuran	250.000	242.030	3.2	102	-0.01
30	C	Chloroform	50.000	47.876	4.2#	96	-0.01
31	T	Cyclohexane	50.000	51.566	-3.1	105	-0.01
32	T	1,1,1-Trichloroethane	50.000	50.664	-1.3	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.240	15.5	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	51.405	-2.8	99	0.00
36	T	1,1-Dichloropropene	50.000	53.910	-7.8	100	-0.01
37	T	Ethyl Acetate	50.000	48.206	3.6	92	-0.01
38	T	Carbon Tetrachloride	50.000	55.662	-11.3	102	0.00
39	T	Methylcyclohexane	50.000	58.075	-16.2	103	0.00
40	TM	Benzene	50.000	51.125	-2.3	96	0.00
41	T	Methacrylonitrile	50.000	50.526	-1.1	108	0.00
42	TM	1,2-Dichloroethane	50.000	48.866	2.3	93	0.00
43	T	Isopropyl Acetate	50.000	51.162	-2.3	97	-0.01
44	TM	Trichloroethene	50.000	53.383	-6.8	98	0.00
45	C	1,2-Dichloropropane	50.000	49.740	0.5#	93	0.00
46	T	Dibromomethane	50.000	48.962	2.1	94	0.00
47	T	Bromodichloromethane	50.000	50.600	-1.2	94	0.00
48	T	Methyl methacrylate	50.000	50.946	-1.9	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1012.825	-1.3	94	-0.03
50	S	Toluene-d8	50.000	46.874	6.3	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.410	-3.4	98	0.00
52	CM	Toluene	50.000	52.715	-5.4#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	50.574	-1.1	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.816	-1.6	96	0.00
55	T	1,1,2-Trichloroethane	50.000	50.503	-1.0	95	0.00
56	T	Ethyl methacrylate	50.000	51.364	-2.7	92	0.00
57	T	1,3-Dichloropropane	50.000	49.347	1.3	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	310.557	-24.2	122	0.00
59	T	2-Hexanone	250.000	262.184	-4.9	101	0.00
60	T	Dibromochloromethane	50.000	50.960	-1.9	96	0.00
61	T	1,2-Dibromoethane	50.000	49.909	0.2	95	0.00
62	S	4-Bromofluorobenzene	50.000	54.167	-8.3	107	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	58.731	-17.5	113	0.00
65	PM	Chlorobenzene	50.000	50.090	-0.2	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.390	-0.8	96	0.00
67	C	Ethyl Benzene	50.000	53.178	-6.4#	99	0.00
68	T	m/p-Xylenes	100.000	107.788	-7.8	101	0.00
69	T	o-Xylene	50.000	53.313	-6.6	99	0.00
70	T	Styrene	50.000	52.721	-5.4	98	0.00
71	P	Bromoform	50.000	50.731	-1.5	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	52.641	-5.3	100	0.00
74	T	N-amyl acetate	50.000	49.394	1.2	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.515	5.0	97	0.00
76	T	1,2,3-Trichloropropane	50.000	43.998	12.0	83	0.00
77	T	Bromobenzene	50.000	48.595	2.8	96	0.00
78	T	n-propylbenzene	50.000	53.635	-7.3	103	0.00
79	T	2-Chlorotoluene	50.000	51.361	-2.7	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.879	-5.8	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.840	2.3	96	0.00
82	T	4-Chlorotoluene	50.000	50.255	-0.5	98	0.00
83	T	tert-Butylbenzene	50.000	54.442	-8.9	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.143	-6.3	102	0.00
85	T	sec-Butylbenzene	50.000	54.887	-9.8	104	0.00
86	T	p-Isopropyltoluene	50.000	54.574	-9.1	104	0.00
87	T	1,3-Dichlorobenzene	50.000	50.963	-1.9	101	0.00
88	T	1,4-Dichlorobenzene	50.000	49.541	0.9	100	0.00
89	T	n-Butylbenzene	50.000	55.072	-10.1	106	0.00
90	T	Hexachloroethane	50.000	52.245	-4.5	104	0.00
91	T	1,2-Dichlorobenzene	50.000	50.723	-1.4	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.174	5.7	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.819	-1.6	102	0.00
94	T	Hexachlorobutadiene	50.000	55.615	-11.2	109	0.00
95	T	Naphthalene	50.000	50.618	-1.2	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.973	0.1	103	0.00

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