Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
Data File : VY013789.D
Acq On : 17 May 2023 20:20
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 18 07:19:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 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	90	0.00
2	T	Dichlorodifluoromethane	50.000	50.084	-0.2	92	0.00
3	P	Chloromethane	50.000	47.039	5.9	88	0.00
4	C	Vinyl Chloride	50.000	47.098	5.8#	87	0.00
5	T	Bromomethane	50.000	44.314	11.4	91	0.00
6	T	Chloroethane	50.000	47.276	5.4	90	0.00
7	T	Trichlorofluoromethane	50.000	50.549	-1.1	93	0.00
8	T	Diethyl Ether	50.000	51.091	-2.2	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.197	1.6	92	-0.01
10	T	Methyl Iodide	50.000	48.390	3.2	83	0.00
11	T	Tert butyl alcohol	250.000	319.973	-28.0#	115	-0.01
12	CM	1,1-Dichloroethene	50.000	49.395	1.2#	90	0.00
13	T	Acrolein	250.000	228.296	8.7	82	0.00
14	T	Allyl chloride	50.000	50.556	-1.1	90	0.00
15	T	Acrylonitrile	250.000	259.015	-3.6	92	0.00
16	T	Acetone	250.000	217.228	13.1	76	0.00
17	T	Carbon Disulfide	50.000	47.573	4.9	89	0.00
18	T	Methyl Acetate	50.000	50.832	-1.7	92	0.00
19	T	Methyl tert-butyl Ether	50.000	53.098	-6.2	91	0.00
20	T	Methylene Chloride	50.000	62.519	-25.0#	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.458	-0.9	91	0.00
22	T	Diisopropyl ether	50.000	51.966	-3.9	90	0.00
23	T	Vinyl Acetate	250.000	262.665	-5.1	89	0.00
24	P	1,1-Dichloroethane	50.000	50.595	-1.2	91	0.00
25	T	2-Butanone	250.000	240.545	3.8	83	0.00
26	T	2,2-Dichloropropane	50.000	48.928	2.1	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.639	-3.3	91	0.00
28	T	Bromochloromethane	50.000	46.740	6.5	89	0.00
29	T	Tetrahydrofuran	250.000	256.417	-2.6	88	0.00
30	C	Chloroform	50.000	50.683	-1.4#	91	0.00
31	T	Cyclohexane	50.000	45.038	9.9	86	0.00
32	T	1,1,1-Trichloroethane	50.000	50.690	-1.4	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.205	-4.4	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	51.741	-3.5	92	0.00
36	T	1,1-Dichloropropene	50.000	49.640	0.7	90	0.00
37	T	Ethyl Acetate	50.000	50.929	-1.9	90	0.00
38	T	Carbon Tetrachloride	50.000	50.594	-1.2	92	0.00
39	T	Methylcyclohexane	50.000	48.275	3.5	87	0.00
40	TM	Benzene	50.000	49.960	0.1	90	0.00
41	T	Methacrylonitrile	50.000	41.175	17.7	83	0.00
42	TM	1,2-Dichloroethane	50.000	51.914	-3.8	93	0.00
43	T	Isopropyl Acetate	50.000	50.653	-1.3	88	0.00
44	TM	Trichloroethene	50.000	49.408	1.2	90	0.00
45	C	1,2-Dichloropropane	50.000	50.559	-1.1#	90	0.00
46	T	Dibromomethane	50.000	50.488	-1.0	89	0.00
47	T	Bromodichloromethane	50.000	51.821	-3.6	91	0.00
48	T	Methyl methacrylate	50.000	51.122	-2.2	88	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1038.971	-3.9	87	0.00
50	S	Toluene-d8	50.000	51.120	-2.2	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.630	-1.9	86	0.00
52	CM	Toluene	50.000	50.510	-1.0#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	50.809	-1.6	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.422	-0.8	90	0.00
55	T	1,1,2-Trichloroethane	50.000	50.264	-0.5	89	0.00
56	T	Ethyl methacrylate	50.000	53.284	-6.6	88	0.00
57	T	1,3-Dichloropropane	50.000	51.274	-2.5	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	229.270	8.3	88	0.00
59	T	2-Hexanone	250.000	246.231	1.5	83	0.00
60	T	Dibromochloromethane	50.000	52.212	-4.4	92	0.00
61	T	1,2-Dibromoethane	50.000	50.809	-1.6	89	0.00
62	S	4-Bromofluorobenzene	50.000	52.502	-5.0	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	49.675	0.7	92	0.00
65	PM	Chlorobenzene	50.000	50.084	-0.2	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.796	-1.6	91	0.00
67	C	Ethyl Benzene	50.000	50.998	-2.0#	91	0.00
68	T	m/p-Xylenes	100.000	101.378	-1.4	89	0.00
69	T	o-Xylene	50.000	51.310	-2.6	90	0.00
70	T	Styrene	50.000	51.935	-3.9	91	0.00
71	P	Bromoform	50.000	51.526	-3.1	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	50.810	-1.6	89	0.00
74	T	N-amyl acetate	50.000	49.291	1.4	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.240	-0.5	88	0.00
76	T	1,2,3-Trichloropropane	50.000	44.316	11.4	79	0.00
77	T	Bromobenzene	50.000	51.349	-2.7	92	0.00
78	T	n-propylbenzene	50.000	50.778	-1.6	89	0.00
79	T	2-Chlorotoluene	50.000	50.923	-1.8	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.365	-2.7	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.790	2.4	84	0.00
82	T	4-Chlorotoluene	50.000	50.018	-0.0	89	0.00
83	T	tert-Butylbenzene	50.000	52.170	-4.3	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.837	-3.7	91	0.00
85	T	sec-Butylbenzene	50.000	51.015	-2.0	90	0.00
86	T	p-Isopropyltoluene	50.000	51.036	-2.1	90	0.00
87	T	1,3-Dichlorobenzene	50.000	50.137	-0.3	90	0.00
88	T	1,4-Dichlorobenzene	50.000	49.772	0.5	90	0.00
89	T	n-Butylbenzene	50.000	49.638	0.7	88	0.00
90	T	Hexachloroethane	50.000	49.235	1.5	90	0.00
91	T	1,2-Dichlorobenzene	50.000	50.964	-1.9	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.547	2.9	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.849	2.3	90	0.00
94	T	Hexachlorobutadiene	50.000	47.479	5.0	90	0.00
95	T	Naphthalene	50.000	50.083	-0.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.638	4.7	88	0.00

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