Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
Data File : VY015610.D
Acq On : 18 Sep 2023 12:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 18 17:31:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 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	107	0.01
2	T	Dichlorodifluoromethane	50.000	45.117	9.8	91	0.00
3	P	Chloromethane	50.000	48.962	2.1	98	0.00
4	C	Vinyl Chloride	50.000	45.930	8.1#	92	0.01
5	T	Bromomethane	50.000	43.978	12.0	90	0.01
6	T	Chloroethane	50.000	47.973	4.1	98	0.00
7	T	Trichlorofluoromethane	50.000	45.010	10.0	92	0.00
8	T	Diethyl Ether	50.000	54.807	-9.6	109	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.332	7.3	94	0.00
10	T	Methyl Iodide	50.000	54.982	-10.0	105	0.01
11	T	Tert butyl alcohol	250.000	231.145	7.5	99	0.03
12	CM	1,1-Dichloroethene	50.000	49.755	0.5#	102	0.01
13	T	Acrolein	250.000	243.945	2.4	88	0.01
14	T	Allyl chloride	50.000	54.187	-8.4	108	0.00
15	T	Acrylonitrile	250.000	297.925	-19.2	113	0.00
16	T	Acetone	250.000	323.596	-29.4#	111	0.02
17	T	Carbon Disulfide	50.000	50.595	-1.2	102	0.01
18	T	Methyl Acetate	50.000	61.148	-22.3	116	0.01
19	T	Methyl tert-butyl Ether	50.000	55.294	-10.6	108	0.02
20	T	Methylene Chloride	50.000	47.668	4.7	101	0.02
21	T	trans-1,2-Dichloroethene	50.000	51.909	-3.8	105	0.01
22	T	Diisopropyl ether	50.000	53.922	-7.8	108	0.01
23	T	Vinyl Acetate	250.000	264.150	-5.7	103	0.01
24	P	1,1-Dichloroethane	50.000	51.885	-3.8	107	0.02
25	T	2-Butanone	250.000	310.867	-24.3	112	0.02
26	T	2,2-Dichloropropane	50.000	49.722	0.6	102	0.01
27	T	cis-1,2-Dichloroethene	50.000	52.835	-5.7	106	0.00
28	T	Bromochloromethane	50.000	50.341	-0.7	106	0.01
29	T	Tetrahydrofuran	250.000	303.610	-21.4	114	0.01
30	C	Chloroform	50.000	51.665	-3.3#	106	0.01
31	T	Cyclohexane	50.000	45.628	8.7	97	0.00
32	T	1,1,1-Trichloroethane	50.000	50.114	-0.2	102	0.01
33	S	1,2-Dichloroethane-d4	50.000	51.261	-2.5	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35	S	Dibromofluoromethane	50.000	52.767	-5.5	114	0.00
36	T	1,1-Dichloropropene	50.000	47.843	4.3	102	0.00
37	T	Ethyl Acetate	50.000	58.509	-17.0	116	0.02
38	T	Carbon Tetrachloride	50.000	46.880	6.2	99	0.01
39	T	Methylcyclohexane	50.000	45.729	8.5	97	0.00
40	TM	Benzene	50.000	50.213	-0.4	106	0.01
41	T	Methacrylonitrile	50.000	58.163	-16.3	115	0.00
42	TM	1,2-Dichloroethane	50.000	50.186	-0.4	104	0.00
43	T	Isopropyl Acetate	50.000	56.724	-13.4	113	0.01
44	TM	Trichloroethene	50.000	50.683	-1.4	108	0.00
45	C	1,2-Dichloropropane	50.000	51.097	-2.2#	107	0.00
46	T	Dibromomethane	50.000	52.146	-4.3	108	0.01
47	T	Bromodichloromethane	50.000	51.823	-3.6	107	0.01
48	T	Methyl methacrylate	50.000	55.240	-10.5	108	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1161.489	-16.1	115	0.02
50	S	Toluene-d8	50.000	46.406	7.2	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	293.035	-17.2	114	0.00
52	CM	Toluene	50.000	50.552	-1.1#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	53.469	-6.9	108	0.01
54	T	cis-1,3-Dichloropropene	50.000	52.859	-5.7	109	0.00
55	T	1,1,2-Trichloroethane	50.000	52.274	-4.5	108	0.00
56	T	Ethyl methacrylate	50.000	56.457	-12.9	112	0.00
57	T	1,3-Dichloropropane	50.000	52.836	-5.7	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	228.408	8.6	98	0.00
59	T	2-Hexanone	250.000	306.176	-22.5	116	0.00
60	T	Dibromochloromethane	50.000	53.523	-7.0	109	0.00
61	T	1,2-Dibromoethane	50.000	53.748	-7.5	110	0.00
62	S	4-Bromofluorobenzene	50.000	50.966	-1.9	112	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	56.990	-14.0	120	0.00
65	PM	Chlorobenzene	50.000	50.000	0.0	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.805	-3.6	110	0.00
67	C	Ethyl Benzene	50.000	49.406	1.2#	105	0.00
68	T	m/p-Xylenes	100.000	99.104	0.9	105	0.00
69	T	o-Xylene	50.000	49.898	0.2	105	0.00
70	T	Styrene	50.000	51.335	-2.7	106	0.00
71	P	Bromoform	50.000	54.900	-9.8	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	47.498	5.0	102	0.00
74	T	N-amyl acetate	50.000	55.713	-11.4	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.942	-3.9	107	0.00
76	T	1,2,3-Trichloropropane	50.000	53.093	-6.2	108	0.00
77	T	Bromobenzene	50.000	50.003	-0.0	107	0.00
78	T	n-propylbenzene	50.000	47.694	4.6	100	0.00
79	T	2-Chlorotoluene	50.000	49.076	1.8	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.442	3.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.834	-11.7	113	0.00
82	T	4-Chlorotoluene	50.000	48.781	2.4	103	0.00
83	T	tert-Butylbenzene	50.000	47.090	5.8	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.814	2.4	103	0.00
85	T	sec-Butylbenzene	50.000	46.991	6.0	99	0.00
86	T	p-Isopropyltoluene	50.000	47.342	5.3	99	0.00
87	T	1,3-Dichlorobenzene	50.000	49.071	1.9	104	0.00
88	T	1,4-Dichlorobenzene	50.000	48.713	2.6	104	0.00
89	T	n-Butylbenzene	50.000	47.216	5.6	99	0.00
90	T	Hexachloroethane	50.000	49.619	0.8	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.929	0.1	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.674	-11.3	111	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.822	0.4	103	0.01
94	T	Hexachlorobutadiene	50.000	45.736	8.5	100	0.00
95	T	Naphthalene	50.000	54.491	-9.0	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.404	-0.8	105	0.00

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