Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015818.D
Acq On : 03 Oct 2023 20:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 08:30:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 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	123	0.00
2	T	Dichlorodifluoromethane	50.000	39.559	20.9	90	0.00
3	P	Chloromethane	50.000	39.949	20.1	91	0.00
4	C	Vinyl Chloride	50.000	43.166	13.7#	98	0.00
5	T	Bromomethane	50.000	34.965	30.1#	88	0.01
6	T	Chloroethane	50.000	39.816	20.4	91	0.00
7	T	Trichlorofluoromethane	50.000	44.686	10.6	106	0.00
8	T	Diethyl Ether	50.000	45.995	8.0	108	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.602	12.8	103	0.00
10	T	Methyl Iodide	50.000	38.643	22.7	90	0.00
11	T	Tert butyl alcohol	250.000	325.767	-30.3#	170	0.05
12	CM	1,1-Dichloroethene	50.000	43.028	13.9#	101	0.00
13	T	Acrolein	250.000	162.551	35.0#	79	0.01
14	T	Allyl chloride	50.000	43.596	12.8	101	0.00
15	T	Acrylonitrile	250.000	271.390	-8.6	133	0.00
16	T	Acetone	250.000	193.717	22.5	99	0.02
17	T	Carbon Disulfide	50.000	37.041	25.9#	82	0.00
18	T	Methyl Acetate	50.000	59.570	-19.1	144	0.01
19	T	Methyl tert-butyl Ether	50.000	49.355	1.3	116	0.01
20	T	Methylene Chloride	50.000	50.115	-0.2	121	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.168	11.7	100	0.00
22	T	Diisopropyl ether	50.000	45.523	9.0	105	0.01
23	T	Vinyl Acetate	250.000	228.685	8.5	107	0.01
24	P	1,1-Dichloroethane	50.000	44.254	11.5	104	0.02
25	T	2-Butanone	250.000	243.639	2.5	127	0.02
26	T	2,2-Dichloropropane	50.000	38.661	22.7	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.736	8.5	106	0.00
28	T	Bromochloromethane	50.000	63.813	-27.6#	154	0.01
29	T	Tetrahydrofuran	250.000	286.619	-14.6	141	0.01
30	C	Chloroform	50.000	46.090	7.8#	110	0.01
31	T	Cyclohexane	50.000	39.164	21.7	95	0.00
32	T	1,1,1-Trichloroethane	50.000	46.411	7.2	109	0.01
33	S	1,2-Dichloroethane-d4	50.000	43.929	12.1	119	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	123	0.00
35	S	Dibromofluoromethane	50.000	42.720	14.6	112	0.00
36	T	1,1-Dichloropropene	50.000	42.171	15.7	100	0.00
37	T	Ethyl Acetate	50.000	56.765	-13.5	141	0.02
38	T	Carbon Tetrachloride	50.000	45.431	9.1	108	0.00
39	T	Methylcyclohexane	50.000	42.066	15.9	98	0.00
40	TM	Benzene	50.000	44.004	12.0	103	0.01
41	T	Methacrylonitrile	50.000	48.098	3.8	133	0.00
42	TM	1,2-Dichloroethane	50.000	47.110	5.8	112	0.00
43	T	Isopropyl Acetate	50.000	52.485	-5.0	128	0.01
44	TM	Trichloroethene	50.000	46.398	7.2	110	0.00
45	C	1,2-Dichloropropane	50.000	44.956	10.1#	105	0.00
46	T	Dibromomethane	50.000	47.464	5.1	112	0.01
47	T	Bromodichloromethane	50.000	47.748	4.5	113	0.00
48	T	Methyl methacrylate	50.000	52.085	-4.2	125	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1439.696	-44.0#	182	0.04
50	S	Toluene-d8	50.000	43.292	13.4	119	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.780	-11.1	136	0.00
52	CM	Toluene	50.000	44.715	10.6#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	47.009	6.0	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.191	9.6	106	0.00
55	T	1,1,2-Trichloroethane	50.000	48.963	2.1	117	0.00
56	T	Ethyl methacrylate	50.000	52.217	-4.4	121	0.00
57	T	1,3-Dichloropropane	50.000	47.399	5.2	113	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	188.083	24.8	96	0.00
59	T	2-Hexanone	250.000	281.433	-12.6	139	0.00
60	T	Dibromochloromethane	50.000	49.102	1.8	117	0.00
61	T	1,2-Dibromoethane	50.000	49.028	1.9	119	0.00
62	S	4-Bromofluorobenzene	50.000	43.737	12.5	118	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	122	0.00
64	T	Tetrachloroethene	50.000	51.298	-2.6	121	0.00
65	PM	Chlorobenzene	50.000	45.799	8.4	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.001	4.0	112	0.00
67	C	Ethyl Benzene	50.000	45.016	10.0#	105	0.00
68	T	m/p-Xylenes	100.000	90.493	9.5	105	0.00
69	T	o-Xylene	50.000	46.709	6.6	108	0.00
70	T	Styrene	50.000	47.591	4.8	109	0.00
71	P	Bromoform	50.000	53.734	-7.5	126	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	121	0.00
73	T	Isopropylbenzene	50.000	45.906	8.2	108	0.00
74	T	N-amyl acetate	50.000	51.026	-2.1	118	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.567	-1.1	124	0.00
76	T	1,2,3-Trichloropropane	50.000	89.782	-79.6#	210	0.00
77	T	Bromobenzene	50.000	47.382	5.2	113	0.00
78	T	n-propylbenzene	50.000	44.752	10.5	104	0.00
79	T	2-Chlorotoluene	50.000	45.981	8.0	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.805	8.4	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.421	-2.8	121	0.00
82	T	4-Chlorotoluene	50.000	45.843	8.3	106	0.00
83	T	tert-Butylbenzene	50.000	46.867	6.3	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.281	7.4	107	0.00
85	T	sec-Butylbenzene	50.000	45.846	8.3	106	0.00
86	T	p-Isopropyltoluene	50.000	46.245	7.5	106	0.00
87	T	1,3-Dichlorobenzene	50.000	45.794	8.4	107	0.00
88	T	1,4-Dichlorobenzene	50.000	46.368	7.3	109	0.00
89	T	n-Butylbenzene	50.000	44.428	11.1	103	0.00
90	T	Hexachloroethane	50.000	46.263	7.5	108	0.00
91	T	1,2-Dichlorobenzene	50.000	47.805	4.4	112	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	60.307	-20.6	151	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.356	3.3	112	0.00
94	T	Hexachlorobutadiene	50.000	45.498	9.0	104	0.00
95	T	Naphthalene	50.000	63.956	-27.9#	147	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.561	0.9	115	0.00

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