Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
Data File : VY017043.D
Acq On : 19 Jan 2024 09:29
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 19 22:16:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
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	106	0.02
2	T	Dichlorodifluoromethane	50.000	56.422	-12.8	114	0.00
3	P	Chloromethane	50.000	54.443	-8.9	113	0.01
4	C	Vinyl Chloride	50.000	54.607	-9.2#	112	0.01
5	T	Bromomethane	50.000	54.766	-9.5	119	0.01
6	T	Chloroethane	50.000	52.026	-4.1	107	0.01
7	T	Trichlorofluoromethane	50.000	49.894	0.2	102	0.02
8	T	Diethyl Ether	50.000	52.151	-4.3	104	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.024	4.0	100	0.02
10	T	Methyl Iodide	50.000	56.683	-13.4	107	0.02
11	T	Tert butyl alcohol	250.000	258.945	-3.6	105	0.02
12	CM	1,1-Dichloroethene	50.000	51.990	-4.0#	106	0.02
13	T	Acrolein	250.000	192.425	23.0	84	0.02
14	T	Allyl chloride	50.000	50.199	-0.4	100	0.02
15	T	Acrylonitrile	250.000	251.516	-0.6	103	0.02
16	T	Acetone	250.000	312.923	-25.2#	127	0.02
17	T	Carbon Disulfide	50.000	66.067	-32.1#	127	0.02
18	T	Methyl Acetate	50.000	58.871	-17.7	108	0.02
19	T	Methyl tert-butyl Ether	50.000	50.478	-1.0	100	0.02
20	T	Methylene Chloride	50.000	43.234	13.5	91	0.02
21	T	trans-1,2-Dichloroethene	50.000	54.025	-8.0	108	0.02
22	T	Diisopropyl ether	50.000	48.960	2.1	95	0.02
23	T	Vinyl Acetate	250.000	246.713	1.3	100	0.02
24	P	1,1-Dichloroethane	50.000	48.022	4.0	97	0.02
25	T	2-Butanone	250.000	280.011	-12.0	113	0.02
26	T	2,2-Dichloropropane	50.000	46.721	6.6	95	0.02
27	T	cis-1,2-Dichloroethene	50.000	50.673	-1.3	102	0.02
28	T	Bromochloromethane	50.000	56.021	-12.0	104	0.02
29	T	Tetrahydrofuran	250.000	266.196	-6.5	106	0.02
30	C	Chloroform	50.000	47.306	5.4#	96	0.02
31	T	Cyclohexane	50.000	53.178	-6.4	110	0.02
32	T	1,1,1-Trichloroethane	50.000	48.489	3.0	98	0.02
33	S	1,2-Dichloroethane-d4	50.000	46.854	6.3	98	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.02
35	S	Dibromofluoromethane	50.000	47.803	4.4	99	0.02
36	T	1,1-Dichloropropene	50.000	52.360	-4.7	104	0.02
37	T	Ethyl Acetate	50.000	51.579	-3.2	104	0.02
38	T	Carbon Tetrachloride	50.000	50.712	-1.4	102	0.02
39	T	Methylcyclohexane	50.000	58.991	-18.0	112	0.02
40	TM	Benzene	50.000	50.786	-1.6	101	0.02
41	T	Methacrylonitrile	50.000	54.157	-8.3	119	0.02
42	TM	1,2-Dichloroethane	50.000	50.049	-0.1	102	0.02
43	T	Isopropyl Acetate	50.000	49.693	0.6	100	0.02
44	TM	Trichloroethene	50.000	51.014	-2.0	101	0.02
45	C	1,2-Dichloropropane	50.000	48.390	3.2#	97	0.02
46	T	Dibromomethane	50.000	50.970	-1.9	103	0.02
47	T	Bromodichloromethane	50.000	47.739	4.5	96	0.02
48	T	Methyl methacrylate	50.000	54.009	-8.0	104	0.02

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1072.509	-7.3	110	0.01
50	S	Toluene-d8	50.000	46.492	7.0	92	0.02
51	T	4-Methyl-2-Pentanone	250.000	263.665	-5.5	102	0.01
52	CM	Toluene	50.000	51.796	-3.6#	102	0.02
53	T	t-1,3-Dichloropropene	50.000	50.924	-1.8	100	0.02
54	T	cis-1,3-Dichloropropene	50.000	50.653	-1.3	100	0.01
55	T	1,1,2-Trichloroethane	50.000	48.818	2.4	99	0.02
56	T	Ethyl methacrylate	50.000	54.457	-8.9	105	0.02
57	T	1,3-Dichloropropane	50.000	50.366	-0.7	101	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	246.577	1.4	102	0.02
59	T	2-Hexanone	250.000	265.898	-6.4	110	0.01
60	T	Dibromochloromethane	50.000	49.332	1.3	98	0.01
61	T	1,2-Dibromoethane	50.000	52.012	-4.0	102	0.02
62	S	4-Bromofluorobenzene	50.000	48.552	2.9	100	0.02
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.02
64	T	Tetrachloroethene	50.000	51.947	-3.9	105	0.02
65	PM	Chlorobenzene	50.000	50.168	-0.3	102	0.02
66	T	1,1,1,2-Tetrachloroethane	50.000	48.271	3.5	97	0.02
67	C	Ethyl Benzene	50.000	51.425	-2.8#	100	0.02
68	T	m/p-Xylenes	100.000	105.960	-6.0	102	0.02
69	T	o-Xylene	50.000	51.718	-3.4	99	0.02
70	T	Styrene	50.000	52.228	-4.5	98	0.02
71	P	Bromoform	50.000	51.311	-2.6	101	0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.02
73	T	Isopropylbenzene	50.000	50.445	-0.9	98	0.02
74	T	N-amyl acetate	50.000	51.292	-2.6	101	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	48.223	3.6	101	0.01
76	T	1,2,3-Trichloropropane	50.000	50.710	-1.4	93	0.02
77	T	Bromobenzene	50.000	49.547	0.9	101	0.02
78	T	n-propylbenzene	50.000	50.820	-1.6	99	0.02
79	T	2-Chlorotoluene	50.000	49.286	1.4	98	0.02
80	T	1,3,5-Trimethylbenzene	50.000	50.850	-1.7	99	0.02
81	T	trans-1,4-Dichloro-2-butene	50.000	50.045	-0.1	104	0.02
82	T	4-Chlorotoluene	50.000	49.770	0.5	100	0.02
83	T	tert-Butylbenzene	50.000	50.315	-0.6	100	0.01
84	T	1,2,4-Trimethylbenzene	50.000	51.382	-2.8	100	0.01
85	T	sec-Butylbenzene	50.000	50.390	-0.8	99	0.01
86	T	p-Isopropyltoluene	50.000	51.418	-2.8	99	0.01
87	T	1,3-Dichlorobenzene	50.000	49.142	1.7	99	0.02
88	T	1,4-Dichlorobenzene	50.000	48.973	2.1	100	0.02
89	T	n-Butylbenzene	50.000	51.529	-3.1	100	0.02
90	T	Hexachloroethane	50.000	47.541	4.9	97	0.01
91	T	1,2-Dichlorobenzene	50.000	48.683	2.6	99	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.364	9.3	98	0.01
93	T	1,2,4-Trichlorobenzene	50.000	52.290	-4.6	101	0.01
94	T	Hexachlorobutadiene	50.000	48.432	3.1	97	0.01
95	T	Naphthalene	50.000	53.155	-6.3	103	0.02

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.844	-3.7	100	0.02

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