Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022024\
Data File : VY017416.D
Acq On : 20 Feb 2024 11:14
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: Feb 20 15:02:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 20 06:16:24 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	46.986	6.0	111	0.01
3	P	Chloromethane	50.000	43.458	13.1	92	0.01
4	C	Vinyl Chloride	50.000	45.076	9.8#	101	0.01
5	T	Bromomethane	50.000	48.164	3.7	103	0.01
6	T	Chloroethane	50.000	47.243	5.5	109	0.00
7	T	Trichlorofluoromethane	50.000	45.791	8.4	105	0.01
8	T	Diethyl Ether	50.000	47.641	4.7	109	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.306	3.4	114	0.01
10	T	Methyl Iodide	50.000	54.734	-9.5	118	0.01
11	T	Tert butyl alcohol	250.000	194.307	22.3	115	-0.01
12	CM	1,1-Dichloroethene	50.000	48.924	2.2#	113	0.01
13	T	Acrolein	250.000	259.153	-3.7	131	0.00
14	T	Allyl chloride	50.000	49.288	1.4	113	0.01
15	T	Acrylonitrile	250.000	235.739	5.7	112	0.01
16	T	Acetone	250.000	251.732	-0.7	120	0.00
17	T	Carbon Disulfide	50.000	48.445	3.1	113	0.01
18	T	Methyl Acetate	50.000	48.066	3.9	110	0.00
19	T	Methyl tert-butyl Ether	50.000	49.537	0.9	114	0.00
20	T	Methylene Chloride	50.000	44.880	10.2	100	0.01
21	T	trans-1,2-Dichloroethene	50.000	49.691	0.6	115	0.01
22	T	Diisopropyl ether	50.000	49.098	1.8	111	0.01
23	T	Vinyl Acetate	250.000	246.009	1.6	112	0.00
24	P	1,1-Dichloroethane	50.000	48.453	3.1	113	0.01
25	T	2-Butanone	250.000	237.349	5.1	114	0.01
26	T	2,2-Dichloropropane	50.000	50.620	-1.2	117	0.01
27	T	cis-1,2-Dichloroethene	50.000	49.664	0.7	114	0.01
28	T	Bromochloromethane	50.000	48.980	2.0	101	0.00
29	T	Tetrahydrofuran	250.000	237.349	5.1	112	0.00
30	C	Chloroform	50.000	48.597	2.8#	113	0.01
31	T	Cyclohexane	50.000	47.099	5.8	111	0.00
32	T	1,1,1-Trichloroethane	50.000	49.669	0.7	116	0.01
33	S	1,2-Dichloroethane-d4	50.000	42.885	14.2	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	44.712	10.6	88	0.00
36	T	1,1-Dichloropropene	50.000	50.235	-0.5	115	0.00
37	T	Ethyl Acetate	50.000	46.319	7.4	112	0.01
38	T	Carbon Tetrachloride	50.000	50.663	-1.3	115	0.01
39	T	Methylcyclohexane	50.000	51.612	-3.2	115	0.00
40	TM	Benzene	50.000	49.548	0.9	113	0.01
41	T	Methacrylonitrile	50.000	53.506	-7.0	111	0.00
42	TM	1,2-Dichloroethane	50.000	48.303	3.4	112	0.00
43	T	Isopropyl Acetate	50.000	49.110	1.8	112	0.00
44	TM	Trichloroethene	50.000	49.917	0.2	115	0.00
45	C	1,2-Dichloropropane	50.000	49.318	1.4#	111	0.01
46	T	Dibromomethane	50.000	47.996	4.0	112	0.00
47	T	Bromodichloromethane	50.000	48.903	2.2	111	0.00
48	T	Methyl methacrylate	50.000	48.953	2.1	109	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	871.679	12.8	102	0.00
50	S	Toluene-d8	50.000	45.056	9.9	86	0.01
51	T	4-Methyl-2-Pentanone	250.000	247.006	1.2	112	0.00
52	CM	Toluene	50.000	50.263	-0.5#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	50.026	-0.1	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.483	1.0	112	0.00
55	T	1,1,2-Trichloroethane	50.000	48.370	3.3	112	0.00
56	T	Ethyl methacrylate	50.000	45.669	8.7	110	0.00
57	T	1,3-Dichloropropane	50.000	48.075	3.8	109	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	189.792	24.1	74	0.00
59	T	2-Hexanone	250.000	256.293	-2.5	113	0.00
60	T	Dibromochloromethane	50.000	49.680	0.6	114	0.00
61	T	1,2-Dibromoethane	50.000	48.325	3.3	110	0.01
62	S	4-Bromofluorobenzene	50.000	40.708	18.6	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.01
64	T	Tetrachloroethene	50.000	49.366	1.3	112	0.00
65	PM	Chlorobenzene	50.000	49.522	1.0	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.116	1.8	111	0.00
67	C	Ethyl Benzene	50.000	51.803	-3.6#	113	0.00
68	T	m/p-Xylenes	100.000	102.947	-2.9	112	0.00
69	T	o-Xylene	50.000	51.781	-3.6	112	0.00
70	T	Styrene	50.000	51.842	-3.7	110	0.00
71	P	Bromoform	50.000	49.907	0.2	112	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	55.171	-10.3	112	0.00
74	T	N-amyl acetate	50.000	52.468	-4.9	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.431	-2.9	110	0.00
76	T	1,2,3-Trichloropropane	50.000	43.105	13.8	88	0.00
77	T	Bromobenzene	50.000	51.640	-3.3	110	0.00
78	T	n-propylbenzene	50.000	54.832	-9.7	111	0.00
79	T	2-Chlorotoluene	50.000	53.062	-6.1	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.551	-9.1	109	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.332	-8.7	113	0.00
82	T	4-Chlorotoluene	50.000	52.475	-5.0	109	0.00
83	T	tert-Butylbenzene	50.000	55.066	-10.1	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.447	-8.9	109	0.00
85	T	sec-Butylbenzene	50.000	55.543	-11.1	111	0.01
86	T	p-Isopropyltoluene	50.000	54.906	-9.8	110	0.01
87	T	1,3-Dichlorobenzene	50.000	50.969	-1.9	107	0.00
88	T	1,4-Dichlorobenzene	50.000	51.211	-2.4	107	0.00
89	T	n-Butylbenzene	50.000	55.645	-11.3	110	0.00
90	T	Hexachloroethane	50.000	52.887	-5.8	111	0.01
91	T	1,2-Dichlorobenzene	50.000	50.734	-1.5	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.209	1.6	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.873	-1.7	101	0.00
94	T	Hexachlorobutadiene	50.000	49.719	0.6	104	0.01
95	T	Naphthalene	50.000	46.526	6.9	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.902	2.2	97	0.00

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