Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
Data File : VY017426.D
Acq On : 21 Feb 2024 09:04
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 22 03:21:07 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	47.754	4.5	107	0.00
3	P	Chloromethane	50.000	42.582	14.8	85	0.01
4	C	Vinyl Chloride	50.000	45.740	8.5#	97	0.00
5	T	Bromomethane	50.000	49.209	1.6	99	0.00
6	T	Chloroethane	50.000	47.736	4.5	104	0.00
7	T	Trichlorofluoromethane	50.000	47.235	5.5	102	0.00
8	T	Diethyl Ether	50.000	44.498	11.0	97	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.711	4.6	106	0.00
10	T	Methyl Iodide	50.000	54.648	-9.3	112	0.00
11	T	Tert butyl alcohol	250.000	168.974	32.4#	95	-0.02
12	CM	1,1-Dichloroethene	50.000	48.590	2.8#	106	0.00
13	T	Acrolein	250.000	239.894	4.0	115	0.00
14	T	Allyl chloride	50.000	49.194	1.6	107	0.01
15	T	Acrylonitrile	250.000	214.030	14.4	96	0.00
16	T	Acetone	250.000	273.939	-9.6	123	0.00
17	T	Carbon Disulfide	50.000	48.658	2.7	107	0.01
18	T	Methyl Acetate	50.000	43.795	12.4	95	0.00
19	T	Methyl tert-butyl Ether	50.000	44.957	10.1	98	0.00
20	T	Methylene Chloride	50.000	43.807	12.4	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.807	0.4	109	0.00
22	T	Diisopropyl ether	50.000	48.188	3.6	103	0.00
23	T	Vinyl Acetate	250.000	229.161	8.3	99	0.00
24	P	1,1-Dichloroethane	50.000	48.689	2.6	107	0.00
25	T	2-Butanone	250.000	247.297	1.1	112	0.00
26	T	2,2-Dichloropropane	50.000	50.610	-1.2	111	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.011	2.0	107	0.00
28	T	Bromochloromethane	50.000	40.276	19.4	79	0.00
29	T	Tetrahydrofuran	250.000	212.131	15.1	94	0.00
30	C	Chloroform	50.000	49.031	1.9#	108	0.00
31	T	Cyclohexane	50.000	48.443	3.1	108	0.00
32	T	1,1,1-Trichloroethane	50.000	49.798	0.4	110	0.01
33	S	1,2-Dichloroethane-d4	50.000	46.354	7.3	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	49.393	1.2	91	0.00
36	T	1,1-Dichloropropene	50.000	51.055	-2.1	109	0.00
37	T	Ethyl Acetate	50.000	43.351	13.3	98	0.00
38	T	Carbon Tetrachloride	50.000	51.347	-2.7	109	0.00
39	T	Methylcyclohexane	50.000	51.564	-3.1	107	0.00
40	TM	Benzene	50.000	49.896	0.2	106	0.01
41	T	Methacrylonitrile	50.000	46.451	7.1	90	0.01
42	TM	1,2-Dichloroethane	50.000	47.831	4.3	104	0.00
43	T	Isopropyl Acetate	50.000	44.404	11.2	94	0.00
44	TM	Trichloroethene	50.000	49.700	0.6	107	0.00
45	C	1,2-Dichloropropane	50.000	49.339	1.3#	104	0.00
46	T	Dibromomethane	50.000	46.378	7.2	101	0.00
47	T	Bromodichloromethane	50.000	48.859	2.3	103	0.00
48	T	Methyl methacrylate	50.000	44.470	11.1	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	831.987	16.8	91	0.00
50	S	Toluene-d8	50.000	50.528	-1.1	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	222.536	11.0	94	0.00
52	CM	Toluene	50.000	50.944	-1.9#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	47.574	4.9	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.490	3.0	103	0.00
55	T	1,1,2-Trichloroethane	50.000	45.656	8.7	99	0.00
56	T	Ethyl methacrylate	50.000	42.189	15.6	94	0.00
57	T	1,3-Dichloropropane	50.000	46.245	7.5	98	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	241.401	3.4	88	0.00
59	T	2-Hexanone	250.000	253.444	-1.4	104	0.00
60	T	Dibromochloromethane	50.000	47.266	5.5	101	0.00
61	T	1,2-Dibromoethane	50.000	46.003	8.0	98	0.00
62	S	4-Bromofluorobenzene	50.000	44.044	11.9	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.01
64	T	Tetrachloroethene	50.000	49.466	1.1	104	0.00
65	PM	Chlorobenzene	50.000	50.336	-0.7	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.014	2.0	102	0.00
67	C	Ethyl Benzene	50.000	52.424	-4.8#	105	0.00
68	T	m/p-Xylenes	100.000	104.792	-4.8	105	0.00
69	T	o-Xylene	50.000	51.800	-3.6	104	0.00
70	T	Styrene	50.000	52.038	-4.1	102	0.00
71	P	Bromoform	50.000	46.640	6.7	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	54.979	-10.0	105	0.00
74	T	N-amyl acetate	50.000	45.940	8.1	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.244	7.5	93	0.00
76	T	1,2,3-Trichloropropane	50.000	49.593	0.8	95	0.00
77	T	Bromobenzene	50.000	49.912	0.2	99	0.00
78	T	n-propylbenzene	50.000	54.158	-8.3	103	0.00
79	T	2-Chlorotoluene	50.000	52.638	-5.3	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.802	-7.6	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.713	6.6	91	0.00
82	T	4-Chlorotoluene	50.000	51.039	-2.1	100	0.00
83	T	tert-Butylbenzene	50.000	53.885	-7.8	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.952	-5.9	100	0.00
85	T	sec-Butylbenzene	50.000	53.112	-6.2	100	0.01
86	T	p-Isopropyltoluene	50.000	52.915	-5.8	99	0.01
87	T	1,3-Dichlorobenzene	50.000	49.407	1.2	97	0.00
88	T	1,4-Dichlorobenzene	50.000	49.195	1.6	97	0.00
89	T	n-Butylbenzene	50.000	52.266	-4.5	97	0.00
90	T	Hexachloroethane	50.000	50.687	-1.4	100	0.01
91	T	1,2-Dichlorobenzene	50.000	48.805	2.4	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.234	15.5	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.576	6.8	87	0.01
94	T	Hexachlorobutadiene	50.000	46.853	6.3	92	0.01
95	T	Naphthalene	50.000	39.867	20.3	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.262	11.5	82	0.00

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