Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
Data File : VY017774.D
Acq On : 26 Mar 2024 16:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 27 01:32:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 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	97	-0.02
2	T	Dichlorodifluoromethane	50.000	44.975	10.0	89	-0.01
3	P	Chloromethane	50.000	52.657	-5.3	98	0.00
4	C	Vinyl Chloride	50.000	53.623	-7.2#	98	-0.01
5	T	Bromomethane	50.000	56.328	-12.7	111	-0.01
6	T	Chloroethane	50.000	55.327	-10.7	104	-0.02
7	T	Trichlorofluoromethane	50.000	53.387	-6.8	99	-0.02
8	T	Diethyl Ether	50.000	54.326	-8.7	99	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.664	0.7	92	-0.03
10	T	Methyl Iodide	50.000	48.840	2.3	84	-0.02
11	T	Tert butyl alcohol	250.000	274.468	-9.8	113	-0.02
12	CM	1,1-Dichloroethene	50.000	50.265	-0.5#	91	-0.02
13	T	Acrolein	250.000	261.254	-4.5	93	-0.02
14	T	Allyl chloride	50.000	48.901	2.2	86	-0.02
15	T	Acrylonitrile	250.000	268.580	-7.4	96	-0.02
16	T	Acetone	250.000	294.657	-17.9	101	-0.02
17	T	Carbon Disulfide	50.000	47.285	5.4	86	-0.02
18	T	Methyl Acetate	50.000	54.182	-8.4	97	-0.02
19	T	Methyl tert-butyl Ether	50.000	54.525	-9.0	95	-0.02
20	T	Methylene Chloride	50.000	53.416	-6.8	105	-0.02
21	T	trans-1,2-Dichloroethene	50.000	50.031	-0.1	90	-0.02
22	T	Diisopropyl ether	50.000	52.103	-4.2	90	-0.01
23	T	Vinyl Acetate	250.000	269.612	-7.8	93	-0.02
24	P	1,1-Dichloroethane	50.000	49.549	0.9	89	-0.02
25	T	2-Butanone	250.000	252.869	-1.1	97	-0.01
26	T	2,2-Dichloropropane	50.000	48.173	3.7	87	-0.02
27	T	cis-1,2-Dichloroethene	50.000	52.204	-4.4	93	-0.01
28	T	Bromochloromethane	50.000	53.061	-6.1	100	-0.01
29	T	Tetrahydrofuran	250.000	258.286	-3.3	97	-0.01
30	C	Chloroform	50.000	50.732	-1.5#	92	-0.02
31	T	Cyclohexane	50.000	44.901	10.2	83	-0.01
32	T	1,1,1-Trichloroethane	50.000	49.933	0.1	90	-0.01
33	S	1,2-Dichloroethane-d4	50.000	54.445	-8.9	105	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	-0.01
35	S	Dibromofluoromethane	50.000	54.131	-8.3	103	-0.01
36	T	1,1-Dichloropropene	50.000	48.073	3.9	87	-0.01
37	T	Ethyl Acetate	50.000	53.234	-6.5	96	-0.02
38	T	Carbon Tetrachloride	50.000	49.789	0.4	90	-0.01
39	T	Methylcyclohexane	50.000	48.819	2.4	85	0.00
40	TM	Benzene	50.000	50.667	-1.3	91	-0.01
41	T	Methacrylonitrile	50.000	57.195	-14.4	99	-0.02
42	TM	1,2-Dichloroethane	50.000	51.946	-3.9	94	0.00
43	T	Isopropyl Acetate	50.000	49.605	0.8	95	0.00
44	TM	Trichloroethene	50.000	52.135	-4.3	97	-0.01
45	C	1,2-Dichloropropane	50.000	50.470	-0.9#	91	-0.01
46	T	Dibromomethane	50.000	53.247	-6.5	96	0.00
47	T	Bromodichloromethane	50.000	52.190	-4.4	94	0.00
48	T	Methyl methacrylate	50.000	49.945	0.1	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1136.999	-13.7	101	-0.01
50	S	Toluene-d8	50.000	53.503	-7.0	101	-0.01
51	T	4-Methyl-2-Pentanone	250.000	251.265	-0.5	97	0.00
52	CM	Toluene	50.000	51.072	-2.1#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	53.804	-7.6	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.916	-5.8	93	0.00
55	T	1,1,2-Trichloroethane	50.000	54.081	-8.2	97	0.00
56	T	Ethyl methacrylate	50.000	51.026	-2.1	97	0.00
57	T	1,3-Dichloropropane	50.000	54.472	-8.9	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.595	-4.2	103	0.00
59	T	2-Hexanone	250.000	251.662	-0.7	98	0.00
60	T	Dibromochloromethane	50.000	54.419	-8.8	99	0.00
61	T	1,2-Dibromoethane	50.000	54.807	-9.6	99	-0.01
62	S	4-Bromofluorobenzene	50.000	56.624	-13.2	107	-0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	52.864	-5.7	98	0.00
65	PM	Chlorobenzene	50.000	51.182	-2.4	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.854	-5.7	97	-0.01
67	C	Ethyl Benzene	50.000	51.199	-2.4#	91	0.00
68	T	m/p-Xylenes	100.000	103.732	-3.7	94	0.00
69	T	o-Xylene	50.000	52.524	-5.0	94	-0.01
70	T	Styrene	50.000	54.162	-8.3	96	0.00
71	P	Bromoform	50.000	55.873	-11.7	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	47.547	4.9	92	-0.01
74	T	N-amyl acetate	50.000	45.916	8.2	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.128	-0.3	100	0.00
76	T	1,2,3-Trichloropropane	50.000	44.517	11.0	92	0.00
77	T	Bromobenzene	50.000	51.185	-2.4	101	0.00
78	T	n-propylbenzene	50.000	47.965	4.1	92	0.00
79	T	2-Chlorotoluene	50.000	48.323	3.4	93	-0.01
80	T	1,3,5-Trimethylbenzene	50.000	49.288	1.4	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.916	-1.8	99	0.00
82	T	4-Chlorotoluene	50.000	48.616	2.8	95	0.00
83	T	tert-Butylbenzene	50.000	50.000	0.0	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.127	-0.3	96	0.00
85	T	sec-Butylbenzene	50.000	48.785	2.4	93	0.00
86	T	p-Isopropyltoluene	50.000	50.236	-0.5	95	0.00
87	T	1,3-Dichlorobenzene	50.000	50.219	-0.4	101	-0.01
88	T	1,4-Dichlorobenzene	50.000	49.774	0.5	99	0.00
89	T	n-Butylbenzene	50.000	50.371	-0.7	97	-0.01
90	T	Hexachloroethane	50.000	47.785	4.4	95	0.00
91	T	1,2-Dichlorobenzene	50.000	51.774	-3.5	103	-0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.371	-2.7	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.710	-13.4	107	0.00
94	T	Hexachlorobutadiene	50.000	53.885	-7.8	108	-0.01
95	T	Naphthalene	50.000	51.650	-3.3	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.282	-16.6	110	0.00

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