Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
Data File : VY017063.D
Acq On : 19 Jan 2024 18:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 19 22:27:02 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	98	0.02
2	T	Dichlorodifluoromethane	50.000	56.585	-13.2	106	0.00
3	P	Chloromethane	50.000	56.801	-13.6	110	0.01
4	C	Vinyl Chloride	50.000	57.153	-14.3#	109	0.01
5	T	Bromomethane	50.000	59.142	-18.3	120	0.01
6	T	Chloroethane	50.000	55.789	-11.6	107	0.01
7	T	Trichlorofluoromethane	50.000	50.868	-1.7	97	0.01
8	T	Diethyl Ether	50.000	53.700	-7.4	100	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.582	2.8	94	0.02
10	T	Methyl Iodide	50.000	60.233	-20.5	106	0.03
11	T	Tert butyl alcohol	250.000	276.086	-10.4	103	0.03
12	CM	1,1-Dichloroethene	50.000	53.318	-6.6#	101	0.01
13	T	Acrolein	250.000	201.287	19.5	81	0.02
14	T	Allyl chloride	50.000	52.302	-4.6	97	0.02
15	T	Acrylonitrile	250.000	265.344	-6.1	101	0.03
16	T	Acetone	250.000	267.510	-7.0	102	0.02
17	T	Carbon Disulfide	50.000	66.312	-32.6#	119	0.02
18	T	Methyl Acetate	50.000	62.753	-25.5#	107	0.02
19	T	Methyl tert-butyl Ether	50.000	53.425	-6.8	98	0.03
20	T	Methylene Chloride	50.000	47.431	5.1	91	0.03
21	T	trans-1,2-Dichloroethene	50.000	54.464	-8.9	101	0.03
22	T	Diisopropyl ether	50.000	51.908	-3.8	94	0.03
23	T	Vinyl Acetate	250.000	257.411	-3.0	96	0.02
24	P	1,1-Dichloroethane	50.000	49.999	0.0	94	0.02
25	T	2-Butanone	250.000	275.295	-10.1	103	0.02
26	T	2,2-Dichloropropane	50.000	47.664	4.7	90	0.02
27	T	cis-1,2-Dichloroethene	50.000	53.631	-7.3	100	0.02
28	T	Bromochloromethane	50.000	58.041	-16.1	100	0.02
29	T	Tetrahydrofuran	250.000	278.395	-11.4	103	0.02
30	C	Chloroform	50.000	49.791	0.4#	94	0.02
31	T	Cyclohexane	50.000	53.411	-6.8	102	0.02
32	T	1,1,1-Trichloroethane	50.000	49.773	0.5	94	0.02
33	S	1,2-Dichloroethane-d4	50.000	46.537	6.9	91	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.01
35	S	Dibromofluoromethane	50.000	46.866	6.3	94	0.02
36	T	1,1-Dichloropropene	50.000	51.326	-2.7	98	0.02
37	T	Ethyl Acetate	50.000	50.753	-1.5	98	0.02
38	T	Carbon Tetrachloride	50.000	49.430	1.1	96	0.02
39	T	Methylcyclohexane	50.000	56.802	-13.6	104	0.02
40	TM	Benzene	50.000	51.214	-2.4	99	0.02
41	T	Methacrylonitrile	50.000	45.629	8.7	97	0.03
42	TM	1,2-Dichloroethane	50.000	51.702	-3.4	101	0.01
43	T	Isopropyl Acetate	50.000	51.222	-2.4	100	0.02
44	TM	Trichloroethene	50.000	51.303	-2.6	98	0.02
45	C	1,2-Dichloropropane	50.000	49.230	1.5#	95	0.01
46	T	Dibromomethane	50.000	52.525	-5.0	102	0.02
47	T	Bromodichloromethane	50.000	48.689	2.6	95	0.01
48	T	Methyl methacrylate	50.000	55.579	-11.2	103	0.01

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1106.529	-10.7	110	0.00
50	S	Toluene-d8	50.000	44.194	11.6	85	0.01
51	T	4-Methyl-2-Pentanone	250.000	265.741	-6.3	100	0.01
52	CM	Toluene	50.000	52.569	-5.1#	100	0.01
53	T	t-1,3-Dichloropropene	50.000	51.776	-3.6	98	0.01
54	T	cis-1,3-Dichloropropene	50.000	51.918	-3.8	99	0.00
55	T	1,1,2-Trichloroethane	50.000	49.433	1.1	97	0.01
56	T	Ethyl methacrylate	50.000	56.422	-12.8	105	0.01
57	T	1,3-Dichloropropane	50.000	51.000	-2.0	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.243	-10.9	112	0.02
59	T	2-Hexanone	250.000	256.953	-2.8	102	0.00
60	T	Dibromochloromethane	50.000	51.037	-2.1	98	0.00
61	T	1,2-Dibromoethane	50.000	54.095	-8.2	103	0.00
62	S	4-Bromofluorobenzene	50.000	47.468	5.1	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	52.898	-5.8	105	0.01
65	PM	Chlorobenzene	50.000	50.560	-1.1	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.879	0.2	98	0.01
67	C	Ethyl Benzene	50.000	51.583	-3.2#	98	0.01
68	T	m/p-Xylenes	100.000	105.456	-5.5	100	0.01
69	T	o-Xylene	50.000	52.617	-5.2	99	0.00
70	T	Styrene	50.000	53.562	-7.1	99	0.01
71	P	Bromoform	50.000	52.139	-4.3	101	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	49.439	1.1	97	0.01
74	T	N-amyl acetate	50.000	50.705	-1.4	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.136	5.7	99	0.00
76	T	1,2,3-Trichloropropane	50.000	48.088	3.8	89	0.00
77	T	Bromobenzene	50.000	49.318	1.4	101	0.00
78	T	n-propylbenzene	50.000	49.210	1.6	97	0.01
79	T	2-Chlorotoluene	50.000	48.114	3.8	97	0.01
80	T	1,3,5-Trimethylbenzene	50.000	50.630	-1.3	99	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	48.931	2.1	102	0.00
82	T	4-Chlorotoluene	50.000	49.178	1.6	99	0.01
83	T	tert-Butylbenzene	50.000	49.818	0.4	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.073	-2.1	100	0.00
85	T	sec-Butylbenzene	50.000	49.384	1.2	97	0.00
86	T	p-Isopropyltoluene	50.000	50.652	-1.3	98	0.00
87	T	1,3-Dichlorobenzene	50.000	49.263	1.5	100	0.01
88	T	1,4-Dichlorobenzene	50.000	48.921	2.2	101	0.01
89	T	n-Butylbenzene	50.000	50.492	-1.0	98	0.01
90	T	Hexachloroethane	50.000	47.293	5.4	97	0.00
91	T	1,2-Dichlorobenzene	50.000	48.982	2.0	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.130	3.7	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.533	-7.1	104	0.00
94	T	Hexachlorobutadiene	50.000	49.091	1.8	99	0.00
95	T	Naphthalene	50.000	56.044	-12.1	110	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.087	-6.2	104	0.00

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