Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
Data File : VY017349.D
Acq On : 09 Feb 2024 19:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 09 22:08:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	54.755	-9.5	104	0.00
3	P	Chloromethane	50.000	57.964	-15.9	105	0.00
4	C	Vinyl Chloride	50.000	56.394	-12.8#	102	0.00
5	T	Bromomethane	50.000	58.505	-17.0	108	0.00
6	T	Chloroethane	50.000	58.428	-16.9	104	0.00
7	T	Trichlorofluoromethane	50.000	57.546	-15.1	103	0.00
8	T	Diethyl Ether	50.000	64.070	-28.1#	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.945	-15.9	102	0.00
10	T	Methyl Iodide	50.000	62.742	-25.5#	105	0.00
11	T	Tert butyl alcohol	250.000	332.488	-33.0#	119	0.01
12	CM	1,1-Dichloroethene	50.000	59.257	-18.5#	104	0.00
13	T	Acrolein	250.000	267.195	-6.9	92	0.00
14	T	Allyl chloride	50.000	61.195	-22.4	104	0.00
15	T	Acrylonitrile	250.000	331.722	-32.7#	114	0.00
16	T	Acetone	250.000	263.058	-5.2	99	0.00
17	T	Carbon Disulfide	50.000	57.058	-14.1	99	0.00
18	T	Methyl Acetate	50.000	73.281	-46.6#	113	0.00
19	T	Methyl tert-butyl Ether	50.000	65.163	-30.3#	110	0.00
20	T	Methylene Chloride	50.000	69.153	-38.3#	114	0.00
21	T	trans-1,2-Dichloroethene	50.000	61.234	-22.5	105	0.00
22	T	Diisopropyl ether	50.000	62.985	-26.0#	105	0.00
23	T	Vinyl Acetate	250.000	315.979	-26.4#	107	0.00
24	P	1,1-Dichloroethane	50.000	60.367	-20.7	105	0.00
25	T	2-Butanone	250.000	300.888	-20.4	109	0.00
26	T	2,2-Dichloropropane	50.000	55.901	-11.8	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	62.701	-25.4#	107	0.00
28	T	Bromochloromethane	50.000	49.828	0.3	76	0.00
29	T	Tetrahydrofuran	250.000	342.176	-36.9#	116	0.00
30	C	Chloroform	50.000	61.878	-23.8#	107	0.00
31	T	Cyclohexane	50.000	54.576	-9.2	98	0.00
32	T	1,1,1-Trichloroethane	50.000	60.097	-20.2	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.186	-12.4	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	56.887	-13.8	89	0.00
36	T	1,1-Dichloropropene	50.000	58.638	-17.3	99	0.00
37	T	Ethyl Acetate	50.000	62.323	-24.6	110	0.00
38	T	Carbon Tetrachloride	50.000	60.034	-20.1	104	0.00
39	T	Methylcyclohexane	50.000	58.181	-16.4	98	0.00
40	TM	Benzene	50.000	62.267	-24.5	107	0.00
41	T	Methacrylonitrile	50.000	66.798	-33.6#	117	0.00
42	TM	1,2-Dichloroethane	50.000	62.278	-24.6	107	0.00
43	T	Isopropyl Acetate	50.000	64.939	-29.9#	111	0.00
44	TM	Trichloroethene	50.000	62.491	-25.0	106	0.00
45	C	1,2-Dichloropropane	50.000	62.339	-24.7#	106	0.00
46	T	Dibromomethane	50.000	64.026	-28.1#	109	0.00
47	T	Bromodichloromethane	50.000	62.769	-25.5#	108	0.00
48	T	Methyl methacrylate	50.000	63.691	-27.4#	107	0.00

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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)
49	T	1,4-Dioxane	1000.000	1421.890	-42.2#	119	0.00
50	S	Toluene-d8	50.000	56.050	-12.1	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	347.213	-38.9#	117	0.00
52	CM	Toluene	50.000	62.556	-25.1#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	65.013	-30.0#	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	63.642	-27.3#	107	0.00
55	T	1,1,2-Trichloroethane	50.000	65.261	-30.5#	110	0.00
56	T	Ethyl methacrylate	50.000	62.554	-25.1#	113	0.00
57	T	1,3-Dichloropropane	50.000	65.163	-30.3#	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	289.780	-15.9	91	0.00
59	T	2-Hexanone	250.000	330.230	-32.1#	113	0.00
60	T	Dibromochloromethane	50.000	64.900	-29.8#	111	0.00
61	T	1,2-Dibromoethane	50.000	65.836	-31.7#	114	0.00
62	S	4-Bromofluorobenzene	50.000	57.898	-15.8	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	64.447	-28.9#	116	0.00
65	PM	Chlorobenzene	50.000	60.697	-21.4	108	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	62.524	-25.0#	111	0.00
67	C	Ethyl Benzene	50.000	61.761	-23.5#	107	0.00
68	T	m/p-Xylenes	100.000	123.518	-23.5	107	0.00
69	T	o-Xylene	50.000	63.526	-27.1#	109	0.00
70	T	Styrene	50.000	64.830	-29.7#	109	0.00
71	P	Bromoform	50.000	66.394	-32.8#	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	59.680	-19.4	106	0.00
74	T	N-amyl acetate	50.000	64.464	-28.9#	115	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	61.608	-23.2	113	0.00
76	T	1,2,3-Trichloropropane	50.000	68.017	-36.0#	129	0.00
77	T	Bromobenzene	50.000	61.147	-22.3	112	0.00
78	T	n-propylbenzene	50.000	59.596	-19.2	106	0.00
79	T	2-Chlorotoluene	50.000	60.080	-20.2	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	60.645	-21.3	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	60.128	-20.3	109	0.00
82	T	4-Chlorotoluene	50.000	60.445	-20.9	109	0.00
83	T	tert-Butylbenzene	50.000	61.550	-23.1	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	61.739	-23.5	109	0.00
85	T	sec-Butylbenzene	50.000	59.845	-19.7	106	0.00
86	T	p-Isopropyltoluene	50.000	61.078	-22.2	108	0.00
87	T	1,3-Dichlorobenzene	50.000	60.906	-21.8	112	0.00
88	T	1,4-Dichlorobenzene	50.000	61.334	-22.7	115	0.00
89	T	n-Butylbenzene	50.000	60.585	-21.2	107	0.00
90	T	Hexachloroethane	50.000	59.560	-19.1	110	0.00
91	T	1,2-Dichlorobenzene	50.000	63.024	-26.0#	115	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	63.410	-26.8#	120	0.00
93	T	1,2,4-Trichlorobenzene	50.000	66.212	-32.4#	121	0.00
94	T	Hexachlorobutadiene	50.000	61.737	-23.5	118	0.00
95	T	Naphthalene	50.000	64.878	-29.8#	134	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	67.936	-35.9#	129	0.00

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