Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
Data File : VY020904.D
Acq On : 22 Jan 2025 17:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 23 00:47:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
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	115	-0.01
2	T	Dichlorodifluoromethane	50.000	39.980	20.0	93	-0.01
3	P	Chloromethane	50.000	54.432	-8.9	127	-0.01
4	C	Vinyl Chloride	50.000	58.834	-17.7#	132	-0.01
5	T	Bromomethane	50.000	52.244	-4.5	124	-0.02
6	T	Chloroethane	50.000	62.875	-25.8#	142	-0.01
7	T	Trichlorofluoromethane	50.000	48.003	4.0	110	-0.02
8	T	Diethyl Ether	50.000	51.900	-3.8	115	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.535	-1.1	116	-0.01
10	T	Methyl Iodide	50.000	54.880	-9.8	118	-0.02
11	T	Tert butyl alcohol	250.000	221.930	11.2	102	-0.02
12	CM	1,1-Dichloroethene	50.000	50.266	-0.5#	112	-0.02
13	T	Acrolein	250.000	249.793	0.1	198	-0.01
14	T	Allyl chloride	50.000	54.716	-9.4	124	-0.02
15	T	Acrylonitrile	250.000	268.952	-7.6	114	-0.02
16	T	Acetone	250.000	254.162	-1.7	109	-0.02
17	T	Carbon Disulfide	50.000	47.905	4.2	102	-0.02
18	T	Methyl Acetate	50.000	58.984	-18.0	122	-0.02
19	T	Methyl tert-butyl Ether	50.000	51.676	-3.4	114	-0.02
20	T	Methylene Chloride	50.000	53.120	-6.2	122	-0.02
21	T	trans-1,2-Dichloroethene	50.000	50.985	-2.0	115	-0.02
22	T	Diisopropyl ether	50.000	60.411	-20.8	137	-0.01
23	T	Vinyl Acetate	250.000	284.251	-13.7	123	-0.02
24	P	1,1-Dichloroethane	50.000	54.969	-9.9	127	-0.02
25	T	2-Butanone	250.000	271.596	-8.6	114	-0.02
26	T	2,2-Dichloropropane	50.000	48.460	3.1	112	-0.02
27	T	cis-1,2-Dichloroethene	50.000	53.547	-7.1	122	-0.02
28	T	Bromochloromethane	50.000	65.164	-30.3#	126	-0.02
29	T	Tetrahydrofuran	250.000	279.796	-11.9	117	-0.02
30	C	Chloroform	50.000	52.788	-5.6#	122	-0.02
31	T	Cyclohexane	50.000	48.666	2.7	114	-0.02
32	T	1,1,1-Trichloroethane	50.000	49.223	1.6	114	-0.02
33	S	1,2-Dichloroethane-d4	50.000	53.894	-7.8	109	-0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	119	-0.01
35	S	Dibromofluoromethane	50.000	53.997	-8.0	118	-0.01
36	T	1,1-Dichloropropene	50.000	50.661	-1.3	116	-0.01
37	T	Ethyl Acetate	50.000	55.116	-10.2	121	-0.01
38	T	Carbon Tetrachloride	50.000	46.734	6.5	109	-0.01
39	T	Methylcyclohexane	50.000	49.456	1.1	112	-0.01
40	TM	Benzene	50.000	53.084	-6.2	123	-0.02
41	T	Methacrylonitrile	50.000	58.007	-16.0	121	-0.02
42	TM	1,2-Dichloroethane	50.000	51.058	-2.1	115	-0.02
43	T	Isopropyl Acetate	50.000	55.073	-10.1	121	-0.01
44	TM	Trichloroethene	50.000	51.721	-3.4	121	-0.01
45	C	1,2-Dichloropropane	50.000	57.096	-14.2#	133	-0.01
46	T	Dibromomethane	50.000	54.123	-8.2	123	-0.01
47	T	Bromodichloromethane	50.000	53.350	-6.7	123	-0.02
48	T	Methyl methacrylate	50.000	55.157	-10.3	116	-0.01

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
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)
49	T	1,4-Dioxane	1000.000	1049.908	-5.0	108	-0.01
50	S	Toluene-d8	50.000	56.999	-14.0	115	-0.02
51	T	4-Methyl-2-Pentanone	250.000	282.489	-13.0	120	-0.01
52	CM	Toluene	50.000	52.867	-5.7#	122	-0.01
53	T	t-1,3-Dichloropropene	50.000	52.565	-5.1	116	-0.01
54	T	cis-1,3-Dichloropropene	50.000	53.650	-7.3	123	-0.01
55	T	1,1,2-Trichloroethane	50.000	54.385	-8.8	128	-0.01
56	T	Ethyl methacrylate	50.000	54.756	-9.5	119	-0.01
57	T	1,3-Dichloropropane	50.000	54.937	-9.9	124	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	264.725	-5.9	110	-0.01
59	T	2-Hexanone	250.000	283.953	-13.6	118	-0.01
60	T	Dibromochloromethane	50.000	52.539	-5.1	120	-0.01
61	T	1,2-Dibromoethane	50.000	54.750	-9.5	124	-0.01
62	S	4-Bromofluorobenzene	50.000	54.001	-8.0	119	-0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	121	-0.01
64	T	Tetrachloroethene	50.000	48.528	2.9	115	-0.01
65	PM	Chlorobenzene	50.000	51.567	-3.1	124	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	51.057	-2.1	123	-0.01
67	C	Ethyl Benzene	50.000	51.237	-2.5#	121	-0.01
68	T	m/p-Xylenes	100.000	101.649	-1.6	121	-0.01
69	T	o-Xylene	50.000	51.035	-2.1	122	-0.01
70	T	Styrene	50.000	51.154	-2.3	120	-0.01
71	P	Bromoform	50.000	50.906	-1.8	117	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	124	-0.01
73	T	Isopropylbenzene	50.000	48.783	2.4	119	0.00
74	T	N-amyl acetate	50.000	53.936	-7.9	121	-0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	51.944	-3.9	122	-0.01
76	T	1,2,3-Trichloropropane	50.000	55.426	-10.9	140	-0.01
77	T	Bromobenzene	50.000	49.214	1.6	121	-0.01
78	T	n-propylbenzene	50.000	49.596	0.8	121	-0.01
79	T	2-Chlorotoluene	50.000	49.633	0.7	122	-0.01
80	T	1,3,5-Trimethylbenzene	50.000	48.816	2.4	119	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.091	-2.2	114	-0.01
82	T	4-Chlorotoluene	50.000	49.046	1.9	121	-0.01
83	T	tert-Butylbenzene	50.000	47.829	4.3	119	-0.01
84	T	1,2,4-Trimethylbenzene	50.000	48.948	2.1	118	-0.01
85	T	sec-Butylbenzene	50.000	48.963	2.1	119	0.00
86	T	p-Isopropyltoluene	50.000	47.986	4.0	117	0.00
87	T	1,3-Dichlorobenzene	50.000	48.856	2.3	121	-0.01
88	T	1,4-Dichlorobenzene	50.000	48.465	3.1	120	-0.01
89	T	n-Butylbenzene	50.000	48.596	2.8	118	-0.01
90	T	Hexachloroethane	50.000	48.464	3.1	122	-0.01
91	T	1,2-Dichlorobenzene	50.000	48.182	3.6	119	-0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.276	7.4	113	-0.01
93	T	1,2,4-Trichlorobenzene	50.000	48.265	3.5	115	-0.01
94	T	Hexachlorobutadiene	50.000	45.455	9.1	114	-0.01
95	T	Naphthalene	50.000	47.656	4.7	111	-0.01

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.887	4.2	117	-0.01

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