Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
Data File : VY021247.D
Acq On : 20 Feb 2025 14:04
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 21 02:39:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 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	100	0.02
2	T	Dichlorodifluoromethane	50.000	41.407	17.2	83	0.01
3	P	Chloromethane	50.000	50.915	-1.8	106	0.01
4	C	Vinyl Chloride	50.000	51.123	-2.2#	107	0.01
5	T	Bromomethane	50.000	47.748	4.5	101	0.02
6	T	Chloroethane	50.000	52.140	-4.3	108	0.02
7	T	Trichlorofluoromethane	50.000	47.257	5.5	97	0.02
8	T	Diethyl Ether	50.000	52.058	-4.1	108	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.866	6.3	96	0.02
10	T	Methyl Iodide	50.000	56.024	-12.0	107	0.02
11	T	Tert butyl alcohol	250.000	217.601	13.0	95	0.06
12	CM	1,1-Dichloroethene	50.000	46.730	6.5#	95	0.02
13	T	Acrolein	250.000	157.390	37.0#	64	0.02
14	T	Allyl chloride	50.000	50.927	-1.9	102	0.02
15	T	Acrylonitrile	250.000	263.919	-5.6	104	0.04
16	T	Acetone	250.000	253.184	-1.3	104	0.03
17	T	Carbon Disulfide	50.000	41.648	16.7	84	0.02
18	T	Methyl Acetate	50.000	56.425	-12.8	110	0.02
19	T	Methyl tert-butyl Ether	50.000	53.465	-6.9	106	0.03
20	T	Methylene Chloride	50.000	49.855	0.3	102	0.02
21	T	trans-1,2-Dichloroethene	50.000	47.920	4.2	96	0.02
22	T	Diisopropyl ether	50.000	54.355	-8.7	108	0.02
23	T	Vinyl Acetate	250.000	270.125	-8.1	105	0.02
24	P	1,1-Dichloroethane	50.000	50.834	-1.7	104	0.03
25	T	2-Butanone	250.000	259.614	-3.8	101	0.02
26	T	2,2-Dichloropropane	50.000	49.896	0.2	103	0.02
27	T	cis-1,2-Dichloroethene	50.000	50.161	-0.3	101	0.02
28	T	Bromochloromethane	50.000	59.836	-19.7	111	0.02
29	T	Tetrahydrofuran	250.000	262.254	-4.9	102	0.03
30	C	Chloroform	50.000	51.719	-3.4#	105	0.02
31	T	Cyclohexane	50.000	44.688	10.6	94	0.02
32	T	1,1,1-Trichloroethane	50.000	48.978	2.0	100	0.02
33	S	1,2-Dichloroethane-d4	50.000	50.290	-0.6	102	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.01
35	S	Dibromofluoromethane	50.000	50.267	-0.5	104	0.02
36	T	1,1-Dichloropropene	50.000	47.912	4.2	99	0.02
37	T	Ethyl Acetate	50.000	52.580	-5.2	105	0.02
38	T	Carbon Tetrachloride	50.000	47.207	5.6	96	0.02
39	T	Methylcyclohexane	50.000	46.698	6.6	93	0.01
40	TM	Benzene	50.000	49.702	0.6	101	0.02
41	T	Methacrylonitrile	50.000	55.237	-10.5	121	0.02
42	TM	1,2-Dichloroethane	50.000	50.887	-1.8	105	0.02
43	T	Isopropyl Acetate	50.000	53.953	-7.9	107	0.02
44	TM	Trichloroethene	50.000	47.651	4.7	99	0.01
45	C	1,2-Dichloropropane	50.000	51.446	-2.9#	105	0.02
46	T	Dibromomethane	50.000	49.859	0.3	102	0.01
47	T	Bromodichloromethane	50.000	51.037	-2.1	105	0.02
48	T	Methyl methacrylate	50.000	53.944	-7.9	107	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	950.480	5.0	93	0.03
50	S	Toluene-d8	50.000	48.339	3.3	99	0.02
51	T	4-Methyl-2-Pentanone	250.000	269.407	-7.8	105	0.02
52	CM	Toluene	50.000	49.628	0.7#	100	0.01
53	T	t-1,3-Dichloropropene	50.000	52.359	-4.7	104	0.02
54	T	cis-1,3-Dichloropropene	50.000	51.630	-3.3	103	0.02
55	T	1,1,2-Trichloroethane	50.000	50.676	-1.4	103	0.01
56	T	Ethyl methacrylate	50.000	53.772	-7.5	102	0.01
57	T	1,3-Dichloropropane	50.000	52.599	-5.2	106	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	247.351	1.1	96	0.02
59	T	2-Hexanone	250.000	270.749	-8.3	102	0.01
60	T	Dibromochloromethane	50.000	50.498	-1.0	103	0.02
61	T	1,2-Dibromoethane	50.000	49.679	0.6	99	0.02
62	S	4-Bromofluorobenzene	50.000	49.973	0.1	100	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.01
64	T	Tetrachloroethene	50.000	46.209	7.6	94	0.01
65	PM	Chlorobenzene	50.000	49.447	1.1	100	0.02
66	T	1,1,1,2-Tetrachloroethane	50.000	50.825	-1.7	103	0.01
67	C	Ethyl Benzene	50.000	50.030	-0.1#	100	0.01
68	T	m/p-Xylenes	100.000	99.629	0.4	99	0.01
69	T	o-Xylene	50.000	50.505	-1.0	100	0.01
70	T	Styrene	50.000	51.387	-2.8	100	0.01
71	P	Bromoform	50.000	50.067	-0.1	100	0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.01
73	T	Isopropylbenzene	50.000	51.160	-2.3	101	0.01
74	T	N-amyl acetate	50.000	54.462	-8.9	100	0.02
75	P	1,1,2,2-Tetrachloroethane	50.000	51.675	-3.3	102	0.01
76	T	1,2,3-Trichloropropane	50.000	52.947	-5.9	100	0.01
77	T	Bromobenzene	50.000	49.760	0.5	99	0.01
78	T	n-propylbenzene	50.000	50.898	-1.8	99	0.01
79	T	2-Chlorotoluene	50.000	50.794	-1.6	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.688	-1.4	99	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	50.385	-0.8	96	0.01
82	T	4-Chlorotoluene	50.000	51.276	-2.6	102	0.01
83	T	tert-Butylbenzene	50.000	50.891	-1.8	98	0.01
84	T	1,2,4-Trimethylbenzene	50.000	51.066	-2.1	99	0.01
85	T	sec-Butylbenzene	50.000	50.581	-1.2	99	0.01
86	T	p-Isopropyltoluene	50.000	50.668	-1.3	98	0.01
87	T	1,3-Dichlorobenzene	50.000	48.898	2.2	97	0.01
88	T	1,4-Dichlorobenzene	50.000	48.818	2.4	96	0.01
89	T	n-Butylbenzene	50.000	52.037	-4.1	99	0.01
90	T	Hexachloroethane	50.000	50.259	-0.5	99	0.01
91	T	1,2-Dichlorobenzene	50.000	49.054	1.9	97	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.811	-1.6	98	0.01
93	T	1,2,4-Trichlorobenzene	50.000	50.661	-1.3	93	0.01
94	T	Hexachlorobutadiene	50.000	49.584	0.8	96	0.01
95	T	Naphthalene	50.000	53.258	-6.5	92	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.566	-1.1	93	0.01

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