Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
Data File : VY021236.D
Acq On : 19 Feb 2025 14:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 20 00:29:49 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	43.405	13.2	94	0.00
3	P	Chloromethane	50.000	49.049	1.9	111	0.00
4	C	Vinyl Chloride	50.000	52.685	-5.4#	119	0.00
5	T	Bromomethane	50.000	48.974	2.1	113	0.00
6	T	Chloroethane	50.000	54.253	-8.5	122	0.00
7	T	Trichlorofluoromethane	50.000	49.946	0.1	111	0.00
8	T	Diethyl Ether	50.000	51.545	-3.1	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.319	3.4	107	0.00
10	T	Methyl Iodide	50.000	49.042	1.9	102	0.00
11	T	Tert butyl alcohol	250.000	226.709	9.3	107	0.03
12	CM	1,1-Dichloroethene	50.000	47.682	4.6#	105	0.00
13	T	Acrolein	250.000	180.571	27.8#	80	0.00
14	T	Allyl chloride	50.000	50.917	-1.8	111	0.00
15	T	Acrylonitrile	250.000	254.538	-1.8	109	0.02
16	T	Acetone	250.000	259.354	-3.7	116	0.01
17	T	Carbon Disulfide	50.000	42.570	14.9	93	0.00
18	T	Methyl Acetate	50.000	54.139	-8.3	114	0.00
19	T	Methyl tert-butyl Ether	50.000	51.750	-3.5	111	0.02
20	T	Methylene Chloride	50.000	49.688	0.6	110	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.939	4.1	104	0.00
22	T	Diisopropyl ether	50.000	52.568	-5.1	113	0.00
23	T	Vinyl Acetate	250.000	259.121	-3.6	109	0.00
24	P	1,1-Dichloroethane	50.000	50.349	-0.7	112	0.00
25	T	2-Butanone	250.000	257.014	-2.8	108	0.00
26	T	2,2-Dichloropropane	50.000	49.635	0.7	111	0.01
27	T	cis-1,2-Dichloroethene	50.000	49.906	0.2	109	0.00
28	T	Bromochloromethane	50.000	51.015	-2.0	103	0.00
29	T	Tetrahydrofuran	250.000	253.611	-1.4	106	0.02
30	C	Chloroform	50.000	50.208	-0.4#	110	0.00
31	T	Cyclohexane	50.000	46.529	6.9	107	0.00
32	T	1,1,1-Trichloroethane	50.000	49.948	0.1	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.832	8.3	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35	S	Dibromofluoromethane	50.000	46.730	6.5	104	0.00
36	T	1,1-Dichloropropene	50.000	48.164	3.7	107	0.00
37	T	Ethyl Acetate	50.000	51.024	-2.0	110	0.01
38	T	Carbon Tetrachloride	50.000	48.505	3.0	107	0.00
39	T	Methylcyclohexane	50.000	49.986	0.0	107	0.00
40	TM	Benzene	50.000	48.970	2.1	108	0.00
41	T	Methacrylonitrile	50.000	50.853	-1.7	120	0.01
42	TM	1,2-Dichloroethane	50.000	49.711	0.6	110	0.00
43	T	Isopropyl Acetate	50.000	52.494	-5.0	112	0.00
44	TM	Trichloroethene	50.000	48.712	2.6	109	0.00
45	C	1,2-Dichloropropane	50.000	51.328	-2.7#	113	0.00
46	T	Dibromomethane	50.000	49.095	1.8	108	0.00
47	T	Bromodichloromethane	50.000	50.636	-1.3	112	0.00
48	T	Methyl methacrylate	50.000	54.376	-8.8	116	0.00

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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	1039.289	-3.9	110	0.02
50	S	Toluene-d8	50.000	44.845	10.3	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	261.432	-4.6	110	0.00
52	CM	Toluene	50.000	49.688	0.6#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	52.336	-4.7	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.553	-3.1	112	0.00
55	T	1,1,2-Trichloroethane	50.000	49.892	0.2	109	0.00
56	T	Ethyl methacrylate	50.000	53.867	-7.7	110	0.00
57	T	1,3-Dichloropropane	50.000	51.769	-3.5	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	309.543	-23.8	130	0.00
59	T	2-Hexanone	250.000	268.437	-7.4	109	0.00
60	T	Dibromochloromethane	50.000	50.976	-2.0	112	0.00
61	T	1,2-Dibromoethane	50.000	49.079	1.8	105	0.00
62	S	4-Bromofluorobenzene	50.000	47.196	5.6	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	47.954	4.1	105	0.00
65	PM	Chlorobenzene	50.000	49.788	0.4	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.076	-0.2	110	0.00
67	C	Ethyl Benzene	50.000	50.579	-1.2#	109	0.00
68	T	m/p-Xylenes	100.000	99.601	0.4	107	0.00
69	T	o-Xylene	50.000	51.555	-3.1	111	0.00
70	T	Styrene	50.000	51.620	-3.2	109	0.00
71	P	Bromoform	50.000	49.825	0.3	108	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	53.006	-6.0	114	0.00
74	T	N-amyl acetate	50.000	54.480	-9.0	110	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.512	1.0	107	0.00
76	T	1,2,3-Trichloropropane	50.000	47.921	4.2	99	0.00
77	T	Bromobenzene	50.000	49.154	1.7	107	0.00
78	T	n-propylbenzene	50.000	51.330	-2.7	109	0.00
79	T	2-Chlorotoluene	50.000	50.565	-1.1	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.629	-1.3	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	212.252	-324.5#	444	0.00
82	T	4-Chlorotoluene	50.000	54.307	-8.6	118	0.00
83	T	tert-Butylbenzene	50.000	50.825	-1.7	107	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.664	-3.3	110	0.00
85	T	sec-Butylbenzene	50.000	52.143	-4.3	112	0.00
86	T	p-Isopropyltoluene	50.000	51.734	-3.5	109	0.00
87	T	1,3-Dichlorobenzene	50.000	49.887	0.2	108	0.00
88	T	1,4-Dichlorobenzene	50.000	49.263	1.5	106	0.00
89	T	n-Butylbenzene	50.000	53.602	-7.2	112	0.00
90	T	Hexachloroethane	50.000	51.535	-3.1	111	0.00
91	T	1,2-Dichlorobenzene	50.000	49.731	0.5	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.711	-5.4	111	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.103	-8.2	109	0.00
94	T	Hexachlorobutadiene	50.000	51.945	-3.9	109	0.00
95	T	Naphthalene	50.000	56.964	-13.9	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.438	-6.9	107	0.00

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