Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
Data File : VY020971.D
Acq On : 29 Jan 2025 17:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 30 00:37:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 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	83	-0.01
2	T	Dichlorodifluoromethane	50.000	50.623	-1.2	83	-0.01
3	P	Chloromethane	50.000	55.345	-10.7	92	-0.01
4	C	Vinyl Chloride	50.000	51.883	-3.8#	84	-0.01
5	T	Bromomethane	50.000	54.320	-8.6	94	-0.02
6	T	Chloroethane	50.000	55.181	-10.4	89	-0.02
7	T	Trichlorofluoromethane	50.000	51.187	-2.4	83	-0.02
8	T	Diethyl Ether	50.000	61.365	-22.7	98	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.585	-5.2	86	-0.01
10	T	Methyl Iodide	50.000	52.726	-5.5	82	-0.02
11	T	Tert butyl alcohol	250.000	290.052	-16.0	111	-0.02
12	CM	1,1-Dichloroethene	50.000	53.891	-7.8#	89	-0.02
13	T	Acrolein	250.000	293.496	-17.4	88	-0.01
14	T	Allyl chloride	50.000	57.976	-16.0	94	-0.02
15	T	Acrylonitrile	250.000	328.727	-31.5#	101	-0.02
16	T	Acetone	250.000	333.437	-33.4#	104	-0.02
17	T	Carbon Disulfide	50.000	54.329	-8.7	88	-0.02
18	T	Methyl Acetate	50.000	66.258	-32.5#	103	-0.01
19	T	Methyl tert-butyl Ether	50.000	62.587	-25.2#	100	-0.02
20	T	Methylene Chloride	50.000	59.714	-19.4	98	-0.02
21	T	trans-1,2-Dichloroethene	50.000	56.368	-12.7	92	-0.02
22	T	Diisopropyl ether	50.000	62.524	-25.0#	99	-0.02
23	T	Vinyl Acetate	250.000	324.377	-29.8#	100	-0.02
24	P	1,1-Dichloroethane	50.000	59.895	-19.8	97	-0.02
25	T	2-Butanone	250.000	339.128	-35.7#	106	-0.02
26	T	2,2-Dichloropropane	50.000	49.348	1.3	83	-0.02
27	T	cis-1,2-Dichloroethene	50.000	59.706	-19.4	97	-0.02
28	T	Bromochloromethane	50.000	63.612	-27.2#	103	-0.02
29	T	Tetrahydrofuran	250.000	344.224	-37.7#	104	-0.01
30	C	Chloroform	50.000	59.612	-19.2#	97	-0.02
31	T	Cyclohexane	50.000	49.767	0.5	86	-0.01
32	T	1,1,1-Trichloroethane	50.000	55.503	-11.0	90	-0.02
33	S	1,2-Dichloroethane-d4	50.000	55.536	-11.1	82	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	-0.02
35	S	Dibromofluoromethane	50.000	52.674	-5.3	81	-0.01
36	T	1,1-Dichloropropene	50.000	53.265	-6.5	89	-0.01
37	T	Ethyl Acetate	50.000	62.992	-26.0#	103	-0.02
38	T	Carbon Tetrachloride	50.000	52.211	-4.4	88	-0.01
39	T	Methylcyclohexane	50.000	50.440	-0.9	84	-0.02
40	TM	Benzene	50.000	56.450	-12.9	95	-0.01
41	T	Methacrylonitrile	50.000	64.702	-29.4#	100	-0.02
42	TM	1,2-Dichloroethane	50.000	60.548	-21.1	100	-0.02
43	T	Isopropyl Acetate	50.000	64.106	-28.2#	102	-0.01
44	TM	Trichloroethene	50.000	54.404	-8.8	93	-0.02
45	C	1,2-Dichloropropane	50.000	59.421	-18.8#	99	-0.01
46	T	Dibromomethane	50.000	60.528	-21.1	98	-0.01
47	T	Bromodichloromethane	50.000	59.542	-19.1	99	-0.01
48	T	Methyl methacrylate	50.000	63.082	-26.2#	102	-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	1388.962	-38.9#	108	-0.02
50	S	Toluene-d8	50.000	51.051	-2.1	78	-0.01
51	T	4-Methyl-2-Pentanone	250.000	331.967	-32.8#	105	-0.01
52	CM	Toluene	50.000	56.643	-13.3#	95	-0.01
53	T	t-1,3-Dichloropropene	50.000	59.515	-19.0	97	-0.01
54	T	cis-1,3-Dichloropropene	50.000	57.914	-15.8	96	-0.01
55	T	1,1,2-Trichloroethane	50.000	61.456	-22.9	102	-0.01
56	T	Ethyl methacrylate	50.000	64.382	-28.8#	101	-0.01
57	T	1,3-Dichloropropane	50.000	60.627	-21.3	100	-0.01
58	T	2-Chloroethyl Vinyl ether	250.000	317.841	-27.1#	104	-0.01
59	T	2-Hexanone	250.000	348.398	-39.4#	108	-0.01
60	T	Dibromochloromethane	50.000	61.903	-23.8	103	-0.01
61	T	1,2-Dibromoethane	50.000	61.629	-23.3	102	-0.01
62	S	4-Bromofluorobenzene	50.000	54.543	-9.1	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	-0.01
64	T	Tetrachloroethene	50.000	49.757	0.5	90	-0.01
65	PM	Chlorobenzene	50.000	54.093	-8.2	98	-0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	54.772	-9.5	98	0.00
67	C	Ethyl Benzene	50.000	53.445	-6.9#	95	-0.01
68	T	m/p-Xylenes	100.000	108.053	-8.1	96	-0.01
69	T	o-Xylene	50.000	54.958	-9.9	97	0.00
70	T	Styrene	50.000	57.096	-14.2	99	-0.01
71	P	Bromoform	50.000	58.519	-17.0	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	-0.01
73	T	Isopropylbenzene	50.000	49.475	1.0	95	-0.01
74	T	N-amyl acetate	50.000	59.459	-18.9	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.764	-11.5	104	-0.01
76	T	1,2,3-Trichloropropane	50.000	60.188	-20.4	107	-0.01
77	T	Bromobenzene	50.000	51.914	-3.8	100	-0.01
78	T	n-propylbenzene	50.000	49.999	0.0	95	0.00
79	T	2-Chlorotoluene	50.000	51.301	-2.6	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.781	-1.6	97	-0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	52.969	-5.9	96	-0.01
82	T	4-Chlorotoluene	50.000	51.913	-3.8	99	0.00
83	T	tert-Butylbenzene	50.000	51.029	-2.1	96	-0.01
84	T	1,2,4-Trimethylbenzene	50.000	52.042	-4.1	99	-0.01
85	T	sec-Butylbenzene	50.000	49.767	0.5	96	-0.01
86	T	p-Isopropyltoluene	50.000	50.440	-0.9	96	-0.01
87	T	1,3-Dichlorobenzene	50.000	51.877	-3.8	100	-0.01
88	T	1,4-Dichlorobenzene	50.000	52.692	-5.4	102	-0.01
89	T	n-Butylbenzene	50.000	50.650	-1.3	95	-0.01
90	T	Hexachloroethane	50.000	51.726	-3.5	100	0.00
91	T	1,2-Dichlorobenzene	50.000	53.351	-6.7	102	-0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.774	-15.5	109	-0.01
93	T	1,2,4-Trichlorobenzene	50.000	54.904	-9.8	104	0.00
94	T	Hexachlorobutadiene	50.000	50.770	-1.5	99	0.00
95	T	Naphthalene	50.000	59.543	-19.1	109	-0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.503	-15.0	109	0.00

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