Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021225\
Data File : VY021175.D
Acq On : 12 Feb 2025 09:54
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 13 03:44:29 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	74	0.00
2	T	Dichlorodifluoromethane	50.000	52.960	-5.9	79	0.00
3	P	Chloromethane	50.000	49.331	1.3	77	0.00
4	C	Vinyl Chloride	50.000	51.510	-3.0#	80	0.00
5	T	Bromomethane	50.000	48.662	2.7	77	0.00
6	T	Chloroethane	50.000	51.523	-3.0	79	0.01
7	T	Trichlorofluoromethane	50.000	52.262	-4.5	79	0.00
8	T	Diethyl Ether	50.000	51.553	-3.1	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.530	-5.1	80	0.00
10	T	Methyl Iodide	50.000	50.772	-1.5	72	0.00
11	T	Tert butyl alcohol	250.000	266.659	-6.7	86	0.00
12	CM	1,1-Dichloroethene	50.000	51.009	-2.0#	77	0.00
13	T	Acrolein	250.000	201.608	19.4	61	0.00
14	T	Allyl chloride	50.000	53.332	-6.7	80	0.00
15	T	Acrylonitrile	250.000	290.919	-16.4	85	0.01
16	T	Acetone	250.000	308.299	-23.3	95	0.00
17	T	Carbon Disulfide	50.000	49.464	1.1	75	0.00
18	T	Methyl Acetate	50.000	61.256	-22.5	89	0.00
19	T	Methyl tert-butyl Ether	50.000	55.967	-11.9	83	0.01
20	T	Methylene Chloride	50.000	51.140	-2.3	78	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.159	-4.3	78	0.01
22	T	Diisopropyl ether	50.000	55.194	-10.4	82	0.01
23	T	Vinyl Acetate	250.000	285.650	-14.3	83	0.00
24	P	1,1-Dichloroethane	50.000	52.868	-5.7	81	0.01
25	T	2-Butanone	250.000	307.258	-22.9	89	0.00
26	T	2,2-Dichloropropane	50.000	53.818	-7.6	83	0.01
27	T	cis-1,2-Dichloroethene	50.000	52.561	-5.1	79	0.00
28	T	Bromochloromethane	50.000	53.567	-7.1	74	0.01
29	T	Tetrahydrofuran	250.000	301.003	-20.4	87	0.01
30	C	Chloroform	50.000	53.555	-7.1#	81	0.00
31	T	Cyclohexane	50.000	50.622	-1.2	80	0.01
32	T	1,1,1-Trichloroethane	50.000	53.883	-7.8	82	0.01
33	S	1,2-Dichloroethane-d4	50.000	55.694	-11.4	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	55.649	-11.3	83	0.01
36	T	1,1-Dichloropropene	50.000	54.160	-8.3	80	0.01
37	T	Ethyl Acetate	50.000	60.662	-21.3	87	0.00
38	T	Carbon Tetrachloride	50.000	55.511	-11.0	82	0.00
39	T	Methylcyclohexane	50.000	55.049	-10.1	79	0.00
40	TM	Benzene	50.000	54.115	-8.2	79	0.00
41	T	Methacrylonitrile	50.000	59.347	-18.7	93	0.01
42	TM	1,2-Dichloroethane	50.000	56.174	-12.3	83	0.00
43	T	Isopropyl Acetate	50.000	60.910	-21.8	87	0.00
44	TM	Trichloroethene	50.000	53.179	-6.4	79	0.00
45	C	1,2-Dichloropropane	50.000	54.414	-8.8#	80	0.00
46	T	Dibromomethane	50.000	55.997	-12.0	82	0.00
47	T	Bromodichloromethane	50.000	55.467	-10.9	82	0.00
48	T	Methyl methacrylate	50.000	60.835	-21.7	87	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1203.753	-20.4	85	0.01
50	S	Toluene-d8	50.000	55.281	-10.6	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	313.830	-25.5#	88	0.00
52	CM	Toluene	50.000	55.056	-10.1#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	57.747	-15.5	82	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.037	-12.1	81	0.00
55	T	1,1,2-Trichloroethane	50.000	56.038	-12.1	82	0.00
56	T	Ethyl methacrylate	50.000	60.220	-20.4	82	0.00
57	T	1,3-Dichloropropane	50.000	56.970	-13.9	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	276.464	-10.6	77	0.00
59	T	2-Hexanone	250.000	324.531	-29.8#	88	0.00
60	T	Dibromochloromethane	50.000	55.279	-10.6	81	0.00
61	T	1,2-Dibromoethane	50.000	57.079	-14.2	82	0.00
62	S	4-Bromofluorobenzene	50.000	58.786	-17.6	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64	T	Tetrachloroethene	50.000	52.672	-5.3	79	0.00
65	PM	Chlorobenzene	50.000	53.634	-7.3	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.433	-8.9	82	0.00
67	C	Ethyl Benzene	50.000	54.688	-9.4#	80	0.00
68	T	m/p-Xylenes	100.000	108.817	-8.8	79	0.00
69	T	o-Xylene	50.000	55.448	-10.9	81	0.00
70	T	Styrene	50.000	56.102	-12.2	81	0.00
71	P	Bromoform	50.000	57.634	-15.3	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73	T	Isopropylbenzene	50.000	53.830	-7.7	82	0.00
74	T	N-amyl acetate	50.000	58.425	-16.8	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.286	-10.6	84	0.00
76	T	1,2,3-Trichloropropane	50.000	55.941	-11.9	81	0.00
77	T	Bromobenzene	50.000	51.940	-3.9	80	0.00
78	T	n-propylbenzene	50.000	54.847	-9.7	82	0.00
79	T	2-Chlorotoluene	50.000	53.405	-6.8	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.379	-8.8	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.411	-18.8	88	0.00
82	T	4-Chlorotoluene	50.000	53.522	-7.0	82	0.00
83	T	tert-Butylbenzene	50.000	52.422	-4.8	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.561	-11.1	83	0.00
85	T	sec-Butylbenzene	50.000	54.258	-8.5	82	0.00
86	T	p-Isopropyltoluene	50.000	55.140	-10.3	82	0.00
87	T	1,3-Dichlorobenzene	50.000	53.821	-7.6	82	0.00
88	T	1,4-Dichlorobenzene	50.000	53.251	-6.5	81	0.00
89	T	n-Butylbenzene	50.000	56.451	-12.9	83	0.00
90	T	Hexachloroethane	50.000	53.512	-7.0	82	0.00
91	T	1,2-Dichlorobenzene	50.000	52.913	-5.8	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.859	-19.7	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.136	-14.3	81	0.00
94	T	Hexachlorobutadiene	50.000	54.763	-9.5	81	0.00
95	T	Naphthalene	50.000	61.406	-22.8	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.777	-13.6	80	0.00

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