Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
Data File : VY020957.D
Acq On : 29 Jan 2025 08:43
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: Jan 30 00:30:40 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	52.865	-5.7	108	0.00
3	P	Chloromethane	50.000	54.290	-8.6	113	0.00
4	C	Vinyl Chloride	50.000	54.038	-8.1#	110	0.00
5	T	Bromomethane	50.000	51.696	-3.4	112	0.00
6	T	Chloroethane	50.000	54.741	-9.5	110	0.00
7	T	Trichlorofluoromethane	50.000	53.707	-7.4	109	0.00
8	T	Diethyl Ether	50.000	53.613	-7.2	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.774	-7.5	110	0.00
10	T	Methyl Iodide	50.000	52.314	-4.6	102	0.00
11	T	Tert butyl alcohol	250.000	239.558	4.2	115	0.00
12	CM	1,1-Dichloroethene	50.000	53.921	-7.8#	111	0.00
13	T	Acrolein	250.000	288.637	-15.5	109	0.00
14	T	Allyl chloride	50.000	55.106	-10.2	112	0.00
15	T	Acrylonitrile	250.000	294.340	-17.7	113	0.00
16	T	Acetone	250.000	299.186	-19.7	117	0.00
17	T	Carbon Disulfide	50.000	53.843	-7.7	110	0.00
18	T	Methyl Acetate	50.000	58.032	-16.1	113	0.00
19	T	Methyl tert-butyl Ether	50.000	56.249	-12.5	112	0.00
20	T	Methylene Chloride	50.000	54.236	-8.5	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.430	-6.9	109	0.00
22	T	Diisopropyl ether	50.000	55.669	-11.3	111	0.00
23	T	Vinyl Acetate	250.000	288.948	-15.6	111	0.00
24	P	1,1-Dichloroethane	50.000	54.667	-9.3	111	0.00
25	T	2-Butanone	250.000	297.971	-19.2	117	0.00
26	T	2,2-Dichloropropane	50.000	53.555	-7.1	113	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.129	-8.3	111	0.00
28	T	Bromochloromethane	50.000	55.019	-10.0	111	0.00
29	T	Tetrahydrofuran	250.000	300.095	-20.0	114	0.00
30	C	Chloroform	50.000	54.103	-8.2#	110	0.00
31	T	Cyclohexane	50.000	50.853	-1.7	110	0.00
32	T	1,1,1-Trichloroethane	50.000	54.127	-8.3	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.734	-1.5	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	52.340	-4.7	95	0.00
36	T	1,1-Dichloropropene	50.000	54.959	-9.9	108	0.00
37	T	Ethyl Acetate	50.000	57.995	-16.0	111	0.00
38	T	Carbon Tetrachloride	50.000	55.626	-11.3	110	0.00
39	T	Methylcyclohexane	50.000	55.080	-10.2	108	0.00
40	TM	Benzene	50.000	54.970	-9.9	109	0.00
41	T	Methacrylonitrile	50.000	58.961	-17.9	107	-0.01
42	TM	1,2-Dichloroethane	50.000	56.763	-13.5	110	0.00
43	T	Isopropyl Acetate	50.000	59.769	-19.5	112	0.00
44	TM	Trichloroethene	50.000	55.391	-10.8	111	0.00
45	C	1,2-Dichloropropane	50.000	56.332	-12.7#	110	0.00
46	T	Dibromomethane	50.000	57.953	-15.9	111	0.00
47	T	Bromodichloromethane	50.000	55.882	-11.8	109	0.00
48	T	Methyl methacrylate	50.000	59.329	-18.7	112	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1310.249	-31.0#	119	0.00
50	S	Toluene-d8	50.000	51.521	-3.0	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	305.957	-22.4	113	0.00
52	CM	Toluene	50.000	55.413	-10.8#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	57.633	-15.3	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.611	-13.2	110	0.00
55	T	1,1,2-Trichloroethane	50.000	57.576	-15.2	112	0.00
56	T	Ethyl methacrylate	50.000	59.845	-19.7	111	0.00
57	T	1,3-Dichloropropane	50.000	57.617	-15.2	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.998	-10.0	106	0.00
59	T	2-Hexanone	250.000	311.750	-24.7	113	0.00
60	T	Dibromochloromethane	50.000	56.911	-13.8	111	0.00
61	T	1,2-Dibromoethane	50.000	57.365	-14.7	111	0.00
62	S	4-Bromofluorobenzene	50.000	52.103	-4.2	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	53.939	-7.9	109	0.00
65	PM	Chlorobenzene	50.000	54.433	-8.9	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.579	-9.2	109	0.00
67	C	Ethyl Benzene	50.000	55.021	-10.0#	109	0.00
68	T	m/p-Xylenes	100.000	110.994	-11.0	110	0.00
69	T	o-Xylene	50.000	55.680	-11.4	110	0.00
70	T	Styrene	50.000	56.707	-13.4	110	0.00
71	P	Bromoform	50.000	58.545	-17.1	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	53.728	-7.5	109	0.00
74	T	N-amyl acetate	50.000	57.971	-15.9	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.416	-12.8	111	0.00
76	T	1,2,3-Trichloropropane	50.000	55.001	-10.0	103	0.00
77	T	Bromobenzene	50.000	53.613	-7.2	109	0.00
78	T	n-propylbenzene	50.000	54.671	-9.3	110	0.00
79	T	2-Chlorotoluene	50.000	53.988	-8.0	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.443	-8.9	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.747	-15.5	112	0.00
82	T	4-Chlorotoluene	50.000	53.905	-7.8	110	0.00
83	T	tert-Butylbenzene	50.000	53.971	-7.9	107	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.743	-9.5	111	0.00
85	T	sec-Butylbenzene	50.000	54.221	-8.4	111	0.00
86	T	p-Isopropyltoluene	50.000	54.255	-8.5	110	0.00
87	T	1,3-Dichlorobenzene	50.000	53.693	-7.4	110	0.00
88	T	1,4-Dichlorobenzene	50.000	53.777	-7.6	110	0.00
89	T	n-Butylbenzene	50.000	55.067	-10.1	110	0.00
90	T	Hexachloroethane	50.000	54.282	-8.6	112	0.00
91	T	1,2-Dichlorobenzene	50.000	53.897	-7.8	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.076	-10.2	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.500	-11.0	112	0.00
94	T	Hexachlorobutadiene	50.000	52.909	-5.8	109	0.00
95	T	Naphthalene	50.000	57.242	-14.5	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.699	-9.4	111	0.00

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