Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
Data File : VY019736.D
Acq On : 01 Oct 2024 11:20
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: Oct 01 17:07:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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	53	0.00
2	T	Dichlorodifluoromethane	50.000	40.211	19.6	45	0.00
3	P	Chloromethane	50.000	44.016	12.0	49	0.00
4	C	Vinyl Chloride	50.000	48.663	2.7#	52	0.00
5	T	Bromomethane	50.000	54.372	-8.7	56	0.00
6	T	Chloroethane	50.000	53.807	-7.6	56	0.00
7	T	Trichlorofluoromethane	50.000	50.765	-1.5	55	0.00
8	T	Diethyl Ether	50.000	50.348	-0.7	51	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.627	-1.3	54	0.00
10	T	Methyl Iodide	50.000	41.859	16.3	43	0.00
11	T	Tert butyl alcohol	250.000	307.202	-22.9	61	0.00
12	CM	1,1-Dichloroethene	50.000	48.674	2.7#	51	0.00
13	T	Acrolein	250.000	119.722	52.1#	31	0.00
14	T	Allyl chloride	50.000	50.392	-0.8	52	0.00
15	T	Acrylonitrile	250.000	265.304	-6.1	53	0.00
16	T	Acetone	250.000	289.161	-15.7	55	0.00
17	T	Carbon Disulfide	50.000	45.419	9.2	45	0.00
18	T	Methyl Acetate	50.000	51.027	-2.1	47	0.00
19	T	Methyl tert-butyl Ether	50.000	51.833	-3.7	53	0.00
20	T	Methylene Chloride	50.000	49.009	2.0	52	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.758	0.5	51	0.01
22	T	Diisopropyl ether	50.000	53.002	-6.0	54	0.00
23	T	Vinyl Acetate	250.000	262.777	-5.1	54	0.00
24	P	1,1-Dichloroethane	50.000	52.525	-5.0	54	0.00
25	T	2-Butanone	250.000	270.238	-8.1	53	0.00
26	T	2,2-Dichloropropane	50.000	55.074	-10.1	58	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.959	-3.9	53	0.00
28	T	Bromochloromethane	50.000	61.103	-22.2	61	0.00
29	T	Tetrahydrofuran	250.000	255.768	-2.3	50	0.00
30	C	Chloroform	50.000	53.664	-7.3#	55	0.00
31	T	Cyclohexane	50.000	47.101	5.8	52	0.00
32	T	1,1,1-Trichloroethane	50.000	53.461	-6.9	56	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.800	-15.6	59	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	52	0.00
35	S	Dibromofluoromethane	50.000	56.154	-12.3	57	0.00
36	T	1,1-Dichloropropene	50.000	51.888	-3.8	53	0.00
37	T	Ethyl Acetate	50.000	51.754	-3.5	51	0.00
38	T	Carbon Tetrachloride	50.000	52.362	-4.7	55	0.00
39	T	Methylcyclohexane	50.000	49.242	1.5	51	0.00
40	TM	Benzene	50.000	51.823	-3.6	53	0.00
41	T	Methacrylonitrile	50.000	54.526	-9.1	50	0.00
42	TM	1,2-Dichloroethane	50.000	54.368	-8.7	55	0.00
43	T	Isopropyl Acetate	50.000	51.563	-3.1	52	0.00
44	TM	Trichloroethene	50.000	50.789	-1.6	52	0.00
45	C	1,2-Dichloropropane	50.000	52.987	-6.0#	55	0.00
46	T	Dibromomethane	50.000	52.193	-4.4	52	0.00
47	T	Bromodichloromethane	50.000	53.975	-8.0	55	0.00
48	T	Methyl methacrylate	50.000	50.055	-0.1	49	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	990.220	1.0	50	0.00
50	S	Toluene-d8	50.000	54.715	-9.4	55	0.00
51	T	4-Methyl-2-Pentanone	250.000	260.001	-4.0	51	0.00
52	CM	Toluene	50.000	52.220	-4.4#	53	0.00
53	T	t-1,3-Dichloropropene	50.000	52.135	-4.3	52	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.366	-4.7	53	0.00
55	T	1,1,2-Trichloroethane	50.000	51.947	-3.9	52	0.00
56	T	Ethyl methacrylate	50.000	51.321	-2.6	52	0.00
57	T	1,3-Dichloropropane	50.000	51.863	-3.7	52	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	294.829	-17.9	60	0.00
59	T	2-Hexanone	250.000	256.524	-2.6	50	0.00
60	T	Dibromochloromethane	50.000	52.344	-4.7	52	0.00
61	T	1,2-Dibromoethane	50.000	49.658	0.7	50	0.00
62	S	4-Bromofluorobenzene	50.000	52.459	-4.9	55	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	51	0.00
64	T	Tetrachloroethene	50.000	50.101	-0.2	51	-0.01
65	PM	Chlorobenzene	50.000	52.925	-5.8	53	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.551	-7.1	54	0.00
67	C	Ethyl Benzene	50.000	53.700	-7.4#	54	-0.01
68	T	m/p-Xylenes	100.000	105.164	-5.2	53	-0.01
69	T	o-Xylene	50.000	51.757	-3.5	52	0.00
70	T	Styrene	50.000	52.227	-4.5	52	0.00
71	P	Bromoform	50.000	51.261	-2.5	50	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	51	0.00
73	T	Isopropylbenzene	50.000	52.675	-5.3	54	0.00
74	T	N-amyl acetate	50.000	50.279	-0.6	50	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.147	-4.3	52	-0.01
76	T	1,2,3-Trichloropropane	50.000	52.096	-4.2	48	-0.01
77	T	Bromobenzene	50.000	51.179	-2.4	52	-0.01
78	T	n-propylbenzene	50.000	53.436	-6.9	55	0.00
79	T	2-Chlorotoluene	50.000	52.946	-5.9	54	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.096	-4.2	53	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.563	2.9	48	0.00
82	T	4-Chlorotoluene	50.000	52.399	-4.8	54	0.00
83	T	tert-Butylbenzene	50.000	53.717	-7.4	55	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.857	-3.7	53	-0.01
85	T	sec-Butylbenzene	50.000	53.042	-6.1	54	0.00
86	T	p-Isopropyltoluene	50.000	52.714	-5.4	54	0.00
87	T	1,3-Dichlorobenzene	50.000	51.721	-3.4	53	-0.01
88	T	1,4-Dichlorobenzene	50.000	51.326	-2.7	52	-0.01
89	T	n-Butylbenzene	50.000	53.200	-6.4	54	-0.01
90	T	Hexachloroethane	50.000	52.028	-4.1	53	-0.01
91	T	1,2-Dichlorobenzene	50.000	51.463	-2.9	52	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.725	0.5	50	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.828	4.3	48	0.00
94	T	Hexachlorobutadiene	50.000	49.178	1.6	51	0.00
95	T	Naphthalene	50.000	45.612	8.8	44	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.950	8.1	45	0.00

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