Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
Data File : VY015974.D
Acq On : 16 Oct 2023 09:10
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 17 05:38:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 2023
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	93	0.01
2	T	Dichlorodifluoromethane	50.000	50.517	-1.0	90	0.01
3	P	Chloromethane	50.000	46.445	7.1	92	0.01
4	C	Vinyl Chloride	50.000	56.036	-12.1#	102	0.01
5	T	Bromomethane	50.000	67.412	-34.8#	116	0.02
6	T	Chloroethane	50.000	56.658	-13.3	98	0.02
7	T	Trichlorofluoromethane	50.000	54.732	-9.5	100	0.02
8	T	Diethyl Ether	50.000	52.215	-4.4	94	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.967	-1.9	95	0.01
10	T	Methyl Iodide	50.000	58.758	-17.5	101	0.01
11	T	Tert butyl alcohol	250.000	129.784	48.1#	66	0.10
12	CM	1,1-Dichloroethene	50.000	54.388	-8.8#	100	0.02
13	T	Acrolein	250.000	241.460	3.4	81	0.02
14	T	Allyl chloride	50.000	59.313	-18.6	107	0.02
15	T	Acrylonitrile	250.000	248.047	0.8	89	0.02
16	T	Acetone	250.000	244.554	2.2	77	0.04
17	T	Carbon Disulfide	50.000	54.608	-9.2	100	0.00
18	T	Methyl Acetate	50.000	52.025	-4.0	94	0.03
19	T	Methyl tert-butyl Ether	50.000	49.750	0.5	89	0.02
20	T	Methylene Chloride	50.000	52.423	-4.8	98	0.01
21	T	trans-1,2-Dichloroethene	50.000	53.033	-6.1	98	0.00
22	T	Diisopropyl ether	50.000	53.379	-6.8	97	0.02
23	T	Vinyl Acetate	250.000	246.498	1.4	85	0.02
24	P	1,1-Dichloroethane	50.000	53.152	-6.3	99	0.02
25	T	2-Butanone	250.000	213.835	14.5	77	0.03
26	T	2,2-Dichloropropane	50.000	52.896	-5.8	99	0.02
27	T	cis-1,2-Dichloroethene	50.000	52.288	-4.6	96	0.02
28	T	Bromochloromethane	50.000	51.716	-3.4	95	0.00
29	T	Tetrahydrofuran	250.000	239.432	4.2	86	0.02
30	C	Chloroform	50.000	52.912	-5.8#	97	0.01
31	T	Cyclohexane	50.000	47.562	4.9	92	0.01
32	T	1,1,1-Trichloroethane	50.000	52.603	-5.2	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.915	-3.8	94	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	53.295	-6.6	97	0.01
36	T	1,1-Dichloropropene	50.000	51.437	-2.9	97	0.01
37	T	Ethyl Acetate	50.000	48.077	3.8	88	0.02
38	T	Carbon Tetrachloride	50.000	50.806	-1.6	97	0.01
39	T	Methylcyclohexane	50.000	48.514	3.0	92	0.01
40	TM	Benzene	50.000	51.365	-2.7	97	0.01
41	T	Methacrylonitrile	50.000	45.713	8.6	86	0.01
42	TM	1,2-Dichloroethane	50.000	48.639	2.7	92	0.02
43	T	Isopropyl Acetate	50.000	46.259	7.5	84	0.01
44	TM	Trichloroethene	50.000	51.251	-2.5	100	0.01
45	C	1,2-Dichloropropane	50.000	51.508	-3.0#	97	0.01
46	T	Dibromomethane	50.000	49.232	1.5	90	0.01
47	T	Bromodichloromethane	50.000	52.345	-4.7	98	0.00
48	T	Methyl methacrylate	50.000	48.343	3.3	87	0.02

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1101.251	-10.1	108	0.05
50	S	Toluene-d8	50.000	54.290	-8.6	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	265.395	-6.2	96	0.01
52	CM	Toluene	50.000	52.292	-4.6#	98	0.01
53	T	t-1,3-Dichloropropene	50.000	51.661	-3.3	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.052	-4.1	96	0.00
55	T	1,1,2-Trichloroethane	50.000	51.423	-2.8	98	0.01
56	T	Ethyl methacrylate	50.000	51.961	-3.9	94	0.01
57	T	1,3-Dichloropropane	50.000	50.858	-1.7	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	365.077	-46.0#	169	0.00
59	T	2-Hexanone	250.000	263.835	-5.5	97	0.01
60	T	Dibromochloromethane	50.000	52.227	-4.5	96	0.00
61	T	1,2-Dibromoethane	50.000	50.053	-0.1	94	0.01
62	S	4-Bromofluorobenzene	50.000	53.002	-6.0	98	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	48.356	3.3	97	0.01
65	PM	Chlorobenzene	50.000	51.107	-2.2	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.635	-5.3	100	0.01
67	C	Ethyl Benzene	50.000	52.163	-4.3#	98	0.00
68	T	m/p-Xylenes	100.000	104.908	-4.9	98	0.00
69	T	o-Xylene	50.000	52.623	-5.2	98	0.01
70	T	Styrene	50.000	52.743	-5.5	98	0.01
71	P	Bromoform	50.000	51.804	-3.6	96	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	52.774	-5.5	98	0.01
74	T	N-amyl acetate	50.000	52.586	-5.2	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.383	-2.8	94	0.00
76	T	1,2,3-Trichloropropane	50.000	51.196	-2.4	107	0.00
77	T	Bromobenzene	50.000	51.958	-3.9	97	0.01
78	T	n-propylbenzene	50.000	52.478	-5.0	97	0.01
79	T	2-Chlorotoluene	50.000	52.276	-4.6	97	0.01
80	T	1,3,5-Trimethylbenzene	50.000	52.968	-5.9	98	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	53.775	-7.5	96	0.01
82	T	4-Chlorotoluene	50.000	52.873	-5.7	99	0.01
83	T	tert-Butylbenzene	50.000	52.421	-4.8	96	0.01
84	T	1,2,4-Trimethylbenzene	50.000	52.271	-4.5	97	0.00
85	T	sec-Butylbenzene	50.000	52.405	-4.8	97	0.00
86	T	p-Isopropyltoluene	50.000	52.191	-4.4	96	0.00
87	T	1,3-Dichlorobenzene	50.000	51.947	-3.9	98	0.01
88	T	1,4-Dichlorobenzene	50.000	51.615	-3.2	97	0.01
89	T	n-Butylbenzene	50.000	49.962	0.1	92	0.01
90	T	Hexachloroethane	50.000	53.262	-6.5	100	0.00
91	T	1,2-Dichlorobenzene	50.000	52.410	-4.8	98	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.567	-5.1	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.148	-0.3	93	0.01
94	T	Hexachlorobutadiene	50.000	48.486	3.0	91	0.00
95	T	Naphthalene	50.000	52.914	-5.8	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.589	-1.2	95	0.00

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