Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
Data File : VY016421.D
Acq On : 20 Nov 2023 10:17
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: Nov 21 05:10:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 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	86	0.01
2	T	Dichlorodifluoromethane	50.000	47.899	4.2	88	0.01
3	P	Chloromethane	50.000	48.397	3.2	89	0.01
4	C	Vinyl Chloride	50.000	47.278	5.4#	85	0.01
5	T	Bromomethane	50.000	46.961	6.1	85	0.01
6	T	Chloroethane	50.000	47.710	4.6	86	0.01
7	T	Trichlorofluoromethane	50.000	51.729	-3.5	90	0.01
8	T	Diethyl Ether	50.000	50.915	-1.8	88	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.032	-2.1	91	0.01
10	T	Methyl Iodide	50.000	52.105	-4.2	88	0.01
11	T	Tert butyl alcohol	250.000	225.275	9.9	80	0.00
12	CM	1,1-Dichloroethene	50.000	50.569	-1.1#	89	0.01
13	T	Acrolein	250.000	236.006	5.6	80	0.01
14	T	Allyl chloride	50.000	46.248	7.5	79	0.01
15	T	Acrylonitrile	250.000	261.593	-4.6	88	0.01
16	T	Acetone	250.000	296.347	-18.5	107	0.00
17	T	Carbon Disulfide	50.000	47.629	4.7	84	0.01
18	T	Methyl Acetate	50.000	56.092	-12.2	96	0.01
19	T	Methyl tert-butyl Ether	50.000	51.120	-2.2	87	0.02
20	T	Methylene Chloride	50.000	76.132	-52.3#	124	0.02
21	T	trans-1,2-Dichloroethene	50.000	50.532	-1.1	90	0.02
22	T	Diisopropyl ether	50.000	47.281	5.4	80	0.00
23	T	Vinyl Acetate	250.000	231.157	7.5	77	0.01
24	P	1,1-Dichloroethane	50.000	50.577	-1.2	88	0.00
25	T	2-Butanone	250.000	260.190	-4.1	90	0.00
26	T	2,2-Dichloropropane	50.000	52.231	-4.5	91	0.01
27	T	cis-1,2-Dichloroethene	50.000	52.253	-4.5	91	0.00
28	T	Bromochloromethane	50.000	52.468	-4.9	91	0.01
29	T	Tetrahydrofuran	250.000	243.279	2.7	81	0.00
30	C	Chloroform	50.000	52.860	-5.7#	93	0.00
31	T	Cyclohexane	50.000	45.382	9.2	83	0.00
32	T	1,1,1-Trichloroethane	50.000	53.029	-6.1	93	0.01
33	S	1,2-Dichloroethane-d4	50.000	50.893	-1.8	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	56.430	-12.9	97	0.00
36	T	1,1-Dichloropropene	50.000	49.638	0.7	85	0.01
37	T	Ethyl Acetate	50.000	46.092	7.8	78	0.00
38	T	Carbon Tetrachloride	50.000	54.916	-9.8	94	0.00
39	T	Methylcyclohexane	50.000	49.212	1.6	83	0.00
40	TM	Benzene	50.000	51.590	-3.2	87	0.01
41	T	Methacrylonitrile	50.000	51.584	-3.2	90	0.00
42	TM	1,2-Dichloroethane	50.000	53.201	-6.4	89	0.01
43	T	Isopropyl Acetate	50.000	46.216	7.6	76	0.00
44	TM	Trichloroethene	50.000	52.208	-4.4	90	0.00
45	C	1,2-Dichloropropane	50.000	51.805	-3.6#	86	0.00
46	T	Dibromomethane	50.000	53.219	-6.4	89	0.00
47	T	Bromodichloromethane	50.000	54.258	-8.5	91	0.00
48	T	Methyl methacrylate	50.000	48.829	2.3	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1010.636	-1.1	82	0.00
50	S	Toluene-d8	50.000	51.645	-3.3	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	243.382	2.6	80	0.00
52	CM	Toluene	50.000	52.181	-4.4#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	53.300	-6.6	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.303	-6.6	89	0.00
55	T	1,1,2-Trichloroethane	50.000	54.294	-8.6	90	0.00
56	T	Ethyl methacrylate	50.000	52.622	-5.2	84	0.00
57	T	1,3-Dichloropropane	50.000	52.916	-5.8	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.649	-5.1	81	0.00
59	T	2-Hexanone	250.000	247.666	0.9	86	0.00
60	T	Dibromochloromethane	50.000	56.074	-12.1	92	0.00
61	T	1,2-Dibromoethane	50.000	54.864	-9.7	91	0.00
62	S	4-Bromofluorobenzene	50.000	51.361	-2.7	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	51.805	-3.6	88	0.00
65	PM	Chlorobenzene	50.000	52.717	-5.4	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.428	-8.9	92	0.00
67	C	Ethyl Benzene	50.000	52.650	-5.3#	89	0.00
68	T	m/p-Xylenes	100.000	106.169	-6.2	89	0.00
69	T	o-Xylene	50.000	53.396	-6.8	88	0.00
70	T	Styrene	50.000	54.596	-9.2	90	0.00
71	P	Bromoform	50.000	56.116	-12.2	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	52.171	-4.3	90	0.00
74	T	N-amyl acetate	50.000	44.357	11.3	73	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.161	-4.3	90	0.00
76	T	1,2,3-Trichloropropane	50.000	52.826	-5.7	97	0.00
77	T	Bromobenzene	50.000	52.994	-6.0	90	0.00
78	T	n-propylbenzene	50.000	51.494	-3.0	89	0.00
79	T	2-Chlorotoluene	50.000	51.391	-2.8	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.127	-4.3	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.929	-5.9	91	0.00
82	T	4-Chlorotoluene	50.000	51.368	-2.7	89	0.00
83	T	tert-Butylbenzene	50.000	52.748	-5.5	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.516	-5.0	90	0.00
85	T	sec-Butylbenzene	50.000	52.306	-4.6	90	0.00
86	T	p-Isopropyltoluene	50.000	52.487	-5.0	89	0.00
87	T	1,3-Dichlorobenzene	50.000	52.865	-5.7	92	0.00
88	T	1,4-Dichlorobenzene	50.000	52.305	-4.6	91	0.00
89	T	n-Butylbenzene	50.000	51.210	-2.4	86	0.00
90	T	Hexachloroethane	50.000	51.008	-2.0	89	0.00
91	T	1,2-Dichlorobenzene	50.000	52.165	-4.3	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.273	7.5	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.472	-2.9	89	0.00
94	T	Hexachlorobutadiene	50.000	53.388	-6.8	93	0.00
95	T	Naphthalene	50.000	51.399	-2.8	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.962	-1.9	91	0.00

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