Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
Data File : VY015504.D
Acq On : 12 Sep 2023 11:51
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: Sep 13 16:28:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	41.489	17.0	84	0.00
3	P	Chloromethane	50.000	43.621	12.8	87	0.00
4	C	Vinyl Chloride	50.000	43.751	12.5#	88	0.00
5	T	Bromomethane	50.000	48.529	2.9	98	0.00
6	T	Chloroethane	50.000	46.666	6.7	95	0.00
7	T	Trichlorofluoromethane	50.000	44.000	12.0	90	0.00
8	T	Diethyl Ether	50.000	47.857	4.3	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.648	10.7	90	0.00
10	T	Methyl Iodide	50.000	50.199	-0.4	95	0.00
11	T	Tert butyl alcohol	250.000	237.009	5.2	100	0.00
12	CM	1,1-Dichloroethene	50.000	45.397	9.2#	92	0.00
13	T	Acrolein	250.000	147.049	41.2#	51	0.00
14	T	Allyl chloride	50.000	48.089	3.8	95	0.00
15	T	Acrylonitrile	250.000	219.578	12.2	83	0.00
16	T	Acetone	250.000	223.377	10.6	76	0.00
17	T	Carbon Disulfide	50.000	40.884	18.2	82	0.00
18	T	Methyl Acetate	50.000	42.595	14.8	81	0.00
19	T	Methyl tert-butyl Ether	50.000	49.343	1.3	96	0.00
20	T	Methylene Chloride	50.000	47.527	4.9	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.143	3.7	97	0.00
22	T	Diisopropyl ether	50.000	49.538	0.9	99	0.00
23	T	Vinyl Acetate	250.000	238.869	4.5	92	0.00
24	P	1,1-Dichloroethane	50.000	49.710	0.6	102	0.01
25	T	2-Butanone	250.000	219.027	12.4	79	0.00
26	T	2,2-Dichloropropane	50.000	52.816	-5.6	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.998	-2.0	102	0.00
28	T	Bromochloromethane	50.000	44.191	11.6	93	0.00
29	T	Tetrahydrofuran	250.000	206.847	17.3	77	0.00
30	C	Chloroform	50.000	51.594	-3.2#	105	0.00
31	T	Cyclohexane	50.000	40.672	18.7	86	0.00
32	T	1,1,1-Trichloroethane	50.000	49.984	0.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.907	8.2	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	48.571	2.9	102	0.00
36	T	1,1-Dichloropropene	50.000	45.565	8.9	95	0.00
37	T	Ethyl Acetate	50.000	41.996	16.0	81	0.00
38	T	Carbon Tetrachloride	50.000	47.740	4.5	98	0.00
39	T	Methylcyclohexane	50.000	42.662	14.7	88	0.00
40	TM	Benzene	50.000	49.029	1.9	100	0.00
41	T	Methacrylonitrile	50.000	125.898	-151.8#	241	0.02
42	TM	1,2-Dichloroethane	50.000	48.184	3.6	97	0.00
43	T	Isopropyl Acetate	50.000	45.382	9.2	88	0.00
44	TM	Trichloroethene	50.000	48.871	2.3	101	0.00
45	C	1,2-Dichloropropane	50.000	49.157	1.7#	100	0.00
46	T	Dibromomethane	50.000	48.381	3.2	98	0.00
47	T	Bromodichloromethane	50.000	52.052	-4.1	105	0.00
48	T	Methyl methacrylate	50.000	43.924	12.2	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	866.665	13.3	84	0.00
50	S	Toluene-d8	50.000	45.545	8.9	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	217.231	13.1	82	0.00
52	CM	Toluene	50.000	49.872	0.3#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	51.878	-3.8	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.369	-2.7	103	0.00
55	T	1,1,2-Trichloroethane	50.000	50.120	-0.2	100	0.00
56	T	Ethyl methacrylate	50.000	48.545	2.9	93	0.00
57	T	1,3-Dichloropropane	50.000	48.718	2.6	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	214.748	14.1	89	0.00
59	T	2-Hexanone	250.000	217.567	13.0	80	0.00
60	T	Dibromochloromethane	50.000	52.248	-4.5	104	0.00
61	T	1,2-Dibromoethane	50.000	48.648	2.7	96	0.00
62	S	4-Bromofluorobenzene	50.000	48.033	3.9	102	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	49.946	0.1	102	0.00
65	PM	Chlorobenzene	50.000	50.318	-0.6	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.565	-5.1	108	0.00
67	C	Ethyl Benzene	50.000	49.735	0.5#	103	0.00
68	T	m/p-Xylenes	100.000	99.462	0.5	103	0.00
69	T	o-Xylene	50.000	50.721	-1.4	104	0.00
70	T	Styrene	50.000	51.451	-2.9	103	0.00
71	P	Bromoform	50.000	51.216	-2.4	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	49.462	1.1	103	0.00
74	T	N-amyl acetate	50.000	47.049	5.9	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.392	7.2	93	0.00
76	T	1,2,3-Trichloropropane	50.000	85.129	-70.3#	167	0.00
77	T	Bromobenzene	50.000	50.397	-0.8	104	0.00
78	T	n-propylbenzene	50.000	49.110	1.8	100	0.00
79	T	2-Chlorotoluene	50.000	49.889	0.2	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.747	0.5	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.457	3.1	95	0.00
82	T	4-Chlorotoluene	50.000	50.247	-0.5	103	0.00
83	T	tert-Butylbenzene	50.000	49.536	0.9	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.252	-0.5	102	0.00
85	T	sec-Butylbenzene	50.000	49.634	0.7	102	0.00
86	T	p-Isopropyltoluene	50.000	50.082	-0.2	102	0.00
87	T	1,3-Dichlorobenzene	50.000	50.697	-1.4	104	0.00
88	T	1,4-Dichlorobenzene	50.000	50.089	-0.2	104	0.00
89	T	n-Butylbenzene	50.000	49.481	1.0	101	0.00
90	T	Hexachloroethane	50.000	52.541	-5.1	107	0.00
91	T	1,2-Dichlorobenzene	50.000	51.094	-2.2	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.914	12.2	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.584	-1.2	101	0.00
94	T	Hexachlorobutadiene	50.000	49.305	1.4	104	0.00
95	T	Naphthalene	50.000	46.528	6.9	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.314	1.4	100	0.00

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