Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
Data File : VY017029.D
Acq On : 18 Jan 2024 10:08
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 19 02:23:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 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	108	0.02
2	T	Dichlorodifluoromethane	50.000	56.495	-13.0	116	0.01
3	P	Chloromethane	50.000	58.489	-17.0	124	0.02
4	C	Vinyl Chloride	50.000	57.270	-14.5#	119	0.02
5	T	Bromomethane	50.000	55.819	-11.6	123	0.02
6	T	Chloroethane	50.000	54.489	-9.0	114	0.02
7	T	Trichlorofluoromethane	50.000	51.023	-2.0	106	0.02
8	T	Diethyl Ether	50.000	49.443	1.1	100	0.03
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.511	1.0	104	0.03
10	T	Methyl Iodide	50.000	59.385	-18.8	114	0.04
11	T	Tert butyl alcohol	250.000	189.980	24.0	82	0.04
12	CM	1,1-Dichloroethene	50.000	54.089	-8.2#	112	0.03
13	T	Acrolein	250.000	167.997	32.8#	74	0.03
14	T	Allyl chloride	50.000	52.116	-4.2	106	0.03
15	T	Acrylonitrile	250.000	220.803	11.7	92	0.03
16	T	Acetone	250.000	229.649	8.1	97	0.02
17	T	Carbon Disulfide	50.000	71.042	-42.1#	139	0.04
18	T	Methyl Acetate	50.000	50.010	-0.0	93	0.02
19	T	Methyl tert-butyl Ether	50.000	47.270	5.5	95	0.04
20	T	Methylene Chloride	50.000	42.257	15.5	91	0.04
21	T	trans-1,2-Dichloroethene	50.000	55.460	-10.9	113	0.03
22	T	Diisopropyl ether	50.000	49.119	1.8	97	0.04
23	T	Vinyl Acetate	250.000	234.096	6.4	96	0.03
24	P	1,1-Dichloroethane	50.000	49.232	1.5	101	0.04
25	T	2-Butanone	250.000	223.880	10.4	93	0.03
26	T	2,2-Dichloropropane	50.000	49.052	1.9	102	0.03
27	T	cis-1,2-Dichloroethene	50.000	51.814	-3.6	106	0.02
28	T	Bromochloromethane	50.000	55.750	-11.5	105	0.02
29	T	Tetrahydrofuran	250.000	222.848	10.9	90	0.02
30	C	Chloroform	50.000	48.348	3.3#	100	0.02
31	T	Cyclohexane	50.000	56.133	-12.3	117	0.02
32	T	1,1,1-Trichloroethane	50.000	50.066	-0.1	103	0.02
33	S	1,2-Dichloroethane-d4	50.000	44.129	11.7	94	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.02
35	S	Dibromofluoromethane	50.000	48.386	3.2	101	0.03
36	T	1,1-Dichloropropene	50.000	55.967	-11.9	112	0.02
37	T	Ethyl Acetate	50.000	45.192	9.6	91	0.02
38	T	Carbon Tetrachloride	50.000	52.414	-4.8	106	0.02
39	T	Methylcyclohexane	50.000	62.202	-24.4	119	0.02
40	TM	Benzene	50.000	53.282	-6.6	107	0.02
41	T	Methacrylonitrile	50.000	48.872	2.3	108	0.03
42	TM	1,2-Dichloroethane	50.000	49.566	0.9	101	0.02
43	T	Isopropyl Acetate	50.000	44.920	10.2	91	0.02
44	TM	Trichloroethene	50.000	53.811	-7.6	108	0.02
45	C	1,2-Dichloropropane	50.000	49.381	1.2#	99	0.02
46	T	Dibromomethane	50.000	49.305	1.4	100	0.02
47	T	Bromodichloromethane	50.000	48.563	2.9	99	0.02
48	T	Methyl methacrylate	50.000	49.171	1.7	95	0.02

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	913.389	8.7	95	0.02
50	S	Toluene-d8	50.000	47.218	5.6	94	0.02
51	T	4-Methyl-2-Pentanone	250.000	225.081	10.0	88	0.02
52	CM	Toluene	50.000	53.817	-7.6#	106	0.02
53	T	t-1,3-Dichloropropene	50.000	49.198	1.6	97	0.02
54	T	cis-1,3-Dichloropropene	50.000	50.920	-1.8	101	0.02
55	T	1,1,2-Trichloroethane	50.000	46.994	6.0	96	0.02
56	T	Ethyl methacrylate	50.000	50.418	-0.8	97	0.01
57	T	1,3-Dichloropropane	50.000	47.920	4.2	97	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	219.375	12.3	91	0.02
59	T	2-Hexanone	250.000	217.810	12.9	90	0.01
60	T	Dibromochloromethane	50.000	48.382	3.2	97	0.01
61	T	1,2-Dibromoethane	50.000	49.199	1.6	97	0.01
62	S	4-Bromofluorobenzene	50.000	47.608	4.8	99	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.01
64	T	Tetrachloroethene	50.000	54.525	-9.0	108	0.02
65	PM	Chlorobenzene	50.000	51.884	-3.8	104	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	50.747	-1.5	100	0.01
67	C	Ethyl Benzene	50.000	55.237	-10.5#	106	0.02
68	T	m/p-Xylenes	100.000	112.337	-12.3	107	0.02
69	T	o-Xylene	50.000	54.899	-9.8	104	0.01
70	T	Styrene	50.000	54.812	-9.6	102	0.02
71	P	Bromoform	50.000	47.806	4.4	93	0.02
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.01
73	T	Isopropylbenzene	50.000	54.688	-9.4	104	0.01
74	T	N-amyl acetate	50.000	47.028	5.9	90	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	44.977	10.0	91	0.00
76	T	1,2,3-Trichloropropane	50.000	52.920	-5.8	94	0.01
77	T	Bromobenzene	50.000	50.752	-1.5	100	0.01
78	T	n-propylbenzene	50.000	54.545	-9.1	103	0.01
79	T	2-Chlorotoluene	50.000	52.094	-4.2	101	0.01
80	T	1,3,5-Trimethylbenzene	50.000	54.896	-9.8	104	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	46.662	6.7	94	0.01
82	T	4-Chlorotoluene	50.000	52.075	-4.2	101	0.01
83	T	tert-Butylbenzene	50.000	54.992	-10.0	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.368	-8.7	103	0.01
85	T	sec-Butylbenzene	50.000	54.118	-8.2	103	0.01
86	T	p-Isopropyltoluene	50.000	55.003	-10.0	103	0.01
87	T	1,3-Dichlorobenzene	50.000	50.815	-1.6	100	0.01
88	T	1,4-Dichlorobenzene	50.000	50.310	-0.6	100	0.01
89	T	n-Butylbenzene	50.000	55.715	-11.4	105	0.01
90	T	Hexachloroethane	50.000	50.910	-1.8	100	0.01
91	T	1,2-Dichlorobenzene	50.000	49.800	0.4	98	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.609	14.8	89	0.01
93	T	1,2,4-Trichlorobenzene	50.000	53.062	-6.1	99	0.01
94	T	Hexachlorobutadiene	50.000	51.728	-3.5	101	0.01
95	T	Naphthalene	50.000	51.367	-2.7	96	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.488	-3.0	97	0.01

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