Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
Data File : VY019107.D
Acq On : 19 Aug 2024 10:48
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: Aug 19 14:51:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	45.972	8.1	91	0.00
3	P	Chloromethane	50.000	48.177	3.6	101	0.00
4	C	Vinyl Chloride	50.000	44.640	10.7#	92	0.00
5	T	Bromomethane	50.000	52.223	-4.4	99	0.00
6	T	Chloroethane	50.000	44.688	10.6	93	0.00
7	T	Trichlorofluoromethane	50.000	43.642	12.7	91	0.00
8	T	Diethyl Ether	50.000	45.693	8.6	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.960	12.1	93	0.00
10	T	Methyl Iodide	50.000	50.350	-0.7	92	0.00
11	T	Tert butyl alcohol	250.000	174.439	30.2#	76	-0.01
12	CM	1,1-Dichloroethene	50.000	47.576	4.8#	100	0.00
13	T	Acrolein	250.000	190.482	23.8	79	0.00
14	T	Allyl chloride	50.000	48.664	2.7	99	0.00
15	T	Acrylonitrile	250.000	223.081	10.8	87	0.00
16	T	Acetone	250.000	293.818	-17.5	115	0.00
17	T	Carbon Disulfide	50.000	47.456	5.1	97	0.00
18	T	Methyl Acetate	50.000	44.382	11.2	92	0.00
19	T	Methyl tert-butyl Ether	50.000	48.045	3.9	95	0.00
20	T	Methylene Chloride	50.000	47.741	4.5	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.868	2.3	99	0.00
22	T	Diisopropyl ether	50.000	47.633	4.7	97	0.00
23	T	Vinyl Acetate	250.000	236.884	5.2	93	0.00
24	P	1,1-Dichloroethane	50.000	47.218	5.6	99	0.00
25	T	2-Butanone	250.000	234.817	6.1	93	0.01
26	T	2,2-Dichloropropane	50.000	51.454	-2.9	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.158	1.7	101	0.00
28	T	Bromochloromethane	50.000	46.724	6.6	102	0.00
29	T	Tetrahydrofuran	250.000	212.386	15.0	86	0.00
30	C	Chloroform	50.000	48.339	3.3#	97	0.00
31	T	Cyclohexane	50.000	48.077	3.8	95	0.00
32	T	1,1,1-Trichloroethane	50.000	48.666	2.7	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.891	0.2	107	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	52.263	-4.5	105	0.00
36	T	1,1-Dichloropropene	50.000	48.601	2.8	99	0.00
37	T	Ethyl Acetate	50.000	49.967	0.1	91	0.00
38	T	Carbon Tetrachloride	50.000	47.982	4.0	93	0.00
39	T	Methylcyclohexane	50.000	46.110	7.8	91	0.00
40	TM	Benzene	50.000	50.872	-1.7	100	0.00
41	T	Methacrylonitrile	50.000	53.265	-6.5	97	-0.02
42	TM	1,2-Dichloroethane	50.000	50.679	-1.4	98	0.00
43	T	Isopropyl Acetate	50.000	46.206	7.6	89	0.00
44	TM	Trichloroethene	50.000	47.561	4.9	96	0.00
45	C	1,2-Dichloropropane	50.000	47.676	4.6#	95	0.00
46	T	Dibromomethane	50.000	48.365	3.3	92	0.00
47	T	Bromodichloromethane	50.000	48.792	2.4	96	0.00
48	T	Methyl methacrylate	50.000	46.209	7.6	87	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	851.117	14.9	83	0.00
50	S	Toluene-d8	50.000	51.489	-3.0	107	0.00
51	T	4-Methyl-2-Pentanone	250.000	225.336	9.9	83	0.00
52	CM	Toluene	50.000	49.796	0.4#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	51.514	-3.0	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.461	1.1	93	0.00
55	T	1,1,2-Trichloroethane	50.000	50.951	-1.9	100	0.00
56	T	Ethyl methacrylate	50.000	47.555	4.9	88	0.00
57	T	1,3-Dichloropropane	50.000	50.333	-0.7	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	246.780	1.3	97	0.00
59	T	2-Hexanone	250.000	255.001	-2.0	94	0.00
60	T	Dibromochloromethane	50.000	50.050	-0.1	96	0.00
61	T	1,2-Dibromoethane	50.000	49.735	0.5	95	0.00
62	S	4-Bromofluorobenzene	50.000	53.583	-7.2	106	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	47.766	4.5	103	0.00
65	PM	Chlorobenzene	50.000	47.396	5.2	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.275	3.5	100	0.00
67	C	Ethyl Benzene	50.000	47.957	4.1#	99	0.00
68	T	m/p-Xylenes	100.000	94.628	5.4	98	0.00
69	T	o-Xylene	50.000	48.334	3.3	97	0.00
70	T	Styrene	50.000	48.516	3.0	97	0.00
71	P	Bromoform	50.000	49.494	1.0	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	48.052	3.9	99	0.00
74	T	N-amyl acetate	50.000	46.478	7.0	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.901	14.2	88	0.00
76	T	1,2,3-Trichloropropane	50.000	43.399	13.2	93	0.00
77	T	Bromobenzene	50.000	48.028	3.9	100	0.00
78	T	n-propylbenzene	50.000	47.843	4.3	98	0.00
79	T	2-Chlorotoluene	50.000	48.105	3.8	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.502	3.0	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.605	2.8	98	0.00
82	T	4-Chlorotoluene	50.000	48.355	3.3	100	0.00
83	T	tert-Butylbenzene	50.000	48.242	3.5	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.892	2.2	100	0.00
85	T	sec-Butylbenzene	50.000	47.416	5.2	98	0.00
86	T	p-Isopropyltoluene	50.000	49.001	2.0	99	0.00
87	T	1,3-Dichlorobenzene	50.000	47.701	4.6	99	0.00
88	T	1,4-Dichlorobenzene	50.000	47.221	5.6	98	0.00
89	T	n-Butylbenzene	50.000	49.898	0.2	100	0.00
90	T	Hexachloroethane	50.000	49.130	1.7	99	0.00
91	T	1,2-Dichlorobenzene	50.000	47.866	4.3	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.429	9.1	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.904	-1.8	101	0.00
94	T	Hexachlorobutadiene	50.000	54.980	-10.0	107	0.00
95	T	Naphthalene	50.000	49.612	0.8	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.946	-3.9	100	0.00

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