Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
Data File : VY020084.D
Acq On : 31 Oct 2024 10:43
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY103024

Quant Time: Nov 01 04:31:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	46.271	7.5	119	0.00
3	P	Chloromethane	50.000	44.171	11.7	105	0.00
4	C	Vinyl Chloride	50.000	44.675	10.7#	104	0.00
5	T	Bromomethane	50.000	42.867	14.3	104	0.00
6	T	Chloroethane	50.000	44.117	11.8	102	0.00
7	T	Trichlorofluoromethane	50.000	45.537	8.9	105	0.00
8	T	Diethyl Ether	50.000	48.883	2.2	116	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.535	6.9	109	0.00
10	T	Methyl Iodide	50.000	50.033	-0.1	112	0.00
11	T	Tert butyl alcohol	250.000	220.262	11.9	128	0.00
12	CM	1,1-Dichloroethene	50.000	47.344	5.3#	110	0.00
13	T	Acrolein	250.000	237.238	5.1	113	0.00
14	T	Allyl chloride	50.000	48.183	3.6	109	0.00
15	T	Acrylonitrile	250.000	251.330	-0.5	117	0.00
16	T	Acetone	250.000	273.401	-9.4	121	0.00
17	T	Carbon Disulfide	50.000	46.801	6.4	107	0.00
18	T	Methyl Acetate	50.000	49.174	1.7	112	0.00
19	T	Methyl tert-butyl Ether	50.000	49.744	0.5	116	0.00
20	T	Methylene Chloride	50.000	43.456	13.1	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.392	5.2	109	0.00
22	T	Diisopropyl ether	50.000	48.767	2.5	111	0.00
23	T	Vinyl Acetate	250.000	252.963	-1.2	116	0.00
24	P	1,1-Dichloroethane	50.000	47.064	5.9	109	0.00
25	T	2-Butanone	250.000	257.223	-2.9	120	0.00
26	T	2,2-Dichloropropane	50.000	47.018	6.0	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.753	6.5	108	0.00
28	T	Bromochloromethane	50.000	47.922	4.2	111	0.00
29	T	Tetrahydrofuran	250.000	255.705	-2.3	119	0.00
30	C	Chloroform	50.000	46.772	6.5#	108	0.00
31	T	Cyclohexane	50.000	43.711	12.6	107	0.00
32	T	1,1,1-Trichloroethane	50.000	47.501	5.0	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.525	-13.0	128	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	55.414	-10.8	123	0.00
36	T	1,1-Dichloropropene	50.000	46.444	7.1	108	0.00
37	T	Ethyl Acetate	50.000	49.179	1.6	116	0.00
38	T	Carbon Tetrachloride	50.000	47.149	5.7	107	0.00
39	T	Methylcyclohexane	50.000	46.848	6.3	108	0.00
40	TM	Benzene	50.000	47.140	5.7	109	0.00
41	T	Methacrylonitrile	50.000	48.057	3.9	101	0.00
42	TM	1,2-Dichloroethane	50.000	47.998	4.0	111	0.00
43	T	Isopropyl Acetate	50.000	50.314	-0.6	117	0.00
44	TM	Trichloroethene	50.000	47.457	5.1	109	0.00
45	C	1,2-Dichloropropane	50.000	49.171	1.7#	112	0.00
46	T	Dibromomethane	50.000	47.144	5.7	109	0.00
47	T	Bromodichloromethane	50.000	47.780	4.4	110	0.00
48	T	Methyl methacrylate	50.000	51.604	-3.2	116	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1012.632	-1.3	118	0.00
50	S	Toluene-d8	50.000	55.359	-10.7	122	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.244	-2.5	116	0.00
52	CM	Toluene	50.000	47.867	4.3#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	49.098	1.8	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.306	1.4	111	0.00
55	T	1,1,2-Trichloroethane	50.000	50.106	-0.2	114	0.00
56	T	Ethyl methacrylate	50.000	50.747	-1.5	114	0.00
57	T	1,3-Dichloropropane	50.000	48.446	3.1	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.054	-1.6	110	0.00
59	T	2-Hexanone	250.000	263.341	-5.3	118	0.00
60	T	Dibromochloromethane	50.000	49.363	1.3	114	0.00
61	T	1,2-Dibromoethane	50.000	48.443	3.1	113	0.00
62	S	4-Bromofluorobenzene	50.000	56.922	-13.8	125	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	48.320	3.4	111	0.00
65	PM	Chlorobenzene	50.000	47.091	5.8	108	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.387	3.2	111	0.00
67	C	Ethyl Benzene	50.000	47.708	4.6#	108	0.00
68	T	m/p-Xylenes	100.000	95.866	4.1	108	0.00
69	T	o-Xylene	50.000	47.919	4.2	109	0.00
70	T	Styrene	50.000	48.497	3.0	108	0.00
71	P	Bromoform	50.000	49.567	0.9	112	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	47.834	4.3	108	0.00
74	T	N-amyl acetate	50.000	51.243	-2.5	116	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.502	5.0	111	0.00
76	T	1,2,3-Trichloropropane	50.000	49.007	2.0	112	0.00
77	T	Bromobenzene	50.000	48.392	3.2	110	0.00
78	T	n-propylbenzene	50.000	47.385	5.2	107	0.00
79	T	2-Chlorotoluene	50.000	47.208	5.6	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.840	4.3	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.454	1.1	114	0.00
82	T	4-Chlorotoluene	50.000	47.890	4.2	108	0.00
83	T	tert-Butylbenzene	50.000	49.171	1.7	108	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.091	3.8	108	0.00
85	T	sec-Butylbenzene	50.000	47.819	4.4	107	0.00
86	T	p-Isopropyltoluene	50.000	47.847	4.3	106	0.00
87	T	1,3-Dichlorobenzene	50.000	47.274	5.5	107	0.00
88	T	1,4-Dichlorobenzene	50.000	47.484	5.0	109	0.00
89	T	n-Butylbenzene	50.000	48.218	3.6	107	0.00
90	T	Hexachloroethane	50.000	46.606	6.8	105	0.00
91	T	1,2-Dichlorobenzene	50.000	47.617	4.8	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.273	5.5	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.542	6.9	107	0.00
94	T	Hexachlorobutadiene	50.000	46.172	7.7	104	0.00
95	T	Naphthalene	50.000	48.517	3.0	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.071	9.9	106	0.00

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