Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
Data File : VY016697.D
Acq On : 19 Dec 2023 15:24
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY121923

Quant Time: Dec 20 06:34:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 20 05:26:40 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	103	0.01
2	T	Dichlorodifluoromethane	50.000	46.083	7.8	94	0.01
3	P	Chloromethane	50.000	48.023	4.0	93	0.00
4	C	Vinyl Chloride	50.000	42.965	14.1#	95	0.01
5	T	Bromomethane	50.000	43.027	13.9	101	0.01
6	T	Chloroethane	50.000	41.402	17.2	96	0.01
7	T	Trichlorofluoromethane	50.000	44.112	11.8	99	0.01
8	T	Diethyl Ether	50.000	46.484	7.0	101	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.729	10.5	97	0.02
10	T	Methyl Iodide	50.000	48.021	4.0	101	0.02
11	T	Tert butyl alcohol	250.000	251.500	-0.6	105	0.02
12	CM	1,1-Dichloroethene	50.000	45.851	8.3#	100	0.01
13	T	Acrolein	250.000	249.197	0.3	109	0.02
14	T	Allyl chloride	50.000	45.304	9.4	96	0.02
15	T	Acrylonitrile	250.000	228.851	8.5	100	0.02
16	T	Acetone	250.000	237.689	4.9	104	0.01
17	T	Carbon Disulfide	50.000	46.479	7.0	97	0.02
18	T	Methyl Acetate	50.000	48.633	2.7	102	0.01
19	T	Methyl tert-butyl Ether	50.000	47.705	4.6	101	0.02
20	T	Methylene Chloride	50.000	51.444	-2.9	102	0.02
21	T	trans-1,2-Dichloroethene	50.000	46.207	7.6	98	0.01
22	T	Diisopropyl ether	50.000	47.036	5.9	96	0.02
23	T	Vinyl Acetate	250.000	234.554	6.2	99	0.01
24	P	1,1-Dichloroethane	50.000	45.547	8.9	97	0.00
25	T	2-Butanone	250.000	241.342	3.5	106	0.00
26	T	2,2-Dichloropropane	50.000	47.016	6.0	101	0.01
27	T	cis-1,2-Dichloroethene	50.000	46.721	6.6	99	0.01
28	T	Bromochloromethane	50.000	49.122	1.8	108	0.00
29	T	Tetrahydrofuran	250.000	241.318	3.5	104	0.00
30	C	Chloroform	50.000	45.715	8.6#	99	0.01
31	T	Cyclohexane	50.000	43.626	12.7	95	0.00
32	T	1,1,1-Trichloroethane	50.000	46.818	6.4	99	0.01
33	S	1,2-Dichloroethane-d4	50.000	46.684	6.6	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	47.449	5.1	92	0.00
36	T	1,1-Dichloropropene	50.000	46.860	6.3	99	0.00
37	T	Ethyl Acetate	50.000	45.893	8.2	102	0.01
38	T	Carbon Tetrachloride	50.000	46.387	7.2	100	0.01
39	T	Methylcyclohexane	50.000	46.685	6.6	95	0.00
40	TM	Benzene	50.000	46.480	7.0	98	0.00
41	T	Methacrylonitrile	50.000	42.853	14.3	78	0.01
42	TM	1,2-Dichloroethane	50.000	46.213	7.6	98	0.00
43	T	Isopropyl Acetate	50.000	47.510	5.0	103	0.00
44	TM	Trichloroethene	50.000	46.963	6.1	101	0.00
45	C	1,2-Dichloropropane	50.000	47.008	6.0#	100	0.00
46	T	Dibromomethane	50.000	47.329	5.3	101	0.00
47	T	Bromodichloromethane	50.000	46.550	6.9	99	0.00
48	T	Methyl methacrylate	50.000	49.430	1.1	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1104.538	-10.5	115	0.01
50	S	Toluene-d8	50.000	48.454	3.1	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.748	0.5	106	0.00
52	CM	Toluene	50.000	47.555	4.9#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	49.561	0.9	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.639	2.7	101	0.00
55	T	1,1,2-Trichloroethane	50.000	46.555	6.9	101	0.00
56	T	Ethyl methacrylate	50.000	51.246	-2.5	106	0.00
57	T	1,3-Dichloropropane	50.000	47.429	5.1	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.896	-1.6	118	0.00
59	T	2-Hexanone	250.000	241.668	3.3	109	0.00
60	T	Dibromochloromethane	50.000	49.138	1.7	103	0.00
61	T	1,2-Dibromoethane	50.000	48.082	3.8	103	0.00
62	S	4-Bromofluorobenzene	50.000	46.817	6.4	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	46.500	7.0	99	0.00
65	PM	Chlorobenzene	50.000	46.689	6.6	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.648	6.7	100	0.00
67	C	Ethyl Benzene	50.000	47.421	5.2#	99	0.00
68	T	m/p-Xylenes	100.000	94.942	5.1	98	0.00
69	T	o-Xylene	50.000	48.493	3.0	100	0.00
70	T	Styrene	50.000	48.533	2.9	99	0.00
71	P	Bromoform	50.000	48.066	3.9	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	48.306	3.4	99	0.00
74	T	N-amyl acetate	50.000	49.603	0.8	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.847	6.3	101	0.00
76	T	1,2,3-Trichloropropane	50.000	46.866	6.3	95	0.00
77	T	Bromobenzene	50.000	47.614	4.8	101	0.00
78	T	n-propylbenzene	50.000	47.866	4.3	98	0.00
79	T	2-Chlorotoluene	50.000	47.479	5.0	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.356	3.3	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.419	-0.8	107	0.00
82	T	4-Chlorotoluene	50.000	47.673	4.7	100	0.00
83	T	tert-Butylbenzene	50.000	48.528	2.9	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.985	2.0	99	0.00
85	T	sec-Butylbenzene	50.000	48.482	3.0	99	0.00
86	T	p-Isopropyltoluene	50.000	48.599	2.8	99	0.00
87	T	1,3-Dichlorobenzene	50.000	46.961	6.1	100	0.00
88	T	1,4-Dichlorobenzene	50.000	47.484	5.0	101	0.00
89	T	n-Butylbenzene	50.000	48.531	2.9	98	0.00
90	T	Hexachloroethane	50.000	47.526	4.9	99	0.00
91	T	1,2-Dichlorobenzene	50.000	48.103	3.8	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.467	5.1	111	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.081	-2.2	109	0.00
94	T	Hexachlorobutadiene	50.000	47.471	5.1	102	0.00
95	T	Naphthalene	50.000	53.480	-7.0	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.275	-0.5	109	0.00

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