Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100523\
Data File : VY015851.D
Acq On : 05 Oct 2023 16:26
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100523

Quant Time: Oct 06 06:00:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	52.104	-4.2	95	0.00
3	P	Chloromethane	50.000	55.003	-10.0	96	0.00
4	C	Vinyl Chloride	50.000	52.511	-5.0#	95	0.00
5	T	Bromomethane	50.000	53.071	-6.1	96	0.00
6	T	Chloroethane	50.000	52.787	-5.6	93	0.00
7	T	Trichlorofluoromethane	50.000	50.245	-0.5	96	0.00
8	T	Diethyl Ether	50.000	50.248	-0.5	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.594	0.8	95	0.00
10	T	Methyl Iodide	50.000	52.080	-4.2	102	0.00
11	T	Tert butyl alcohol	250.000	245.574	1.8	100	0.02
12	CM	1,1-Dichloroethene	50.000	51.538	-3.1#	97	0.00
13	T	Acrolein	250.000	243.155	2.7	99	0.00
14	T	Allyl chloride	50.000	50.721	-1.4	98	0.00
15	T	Acrylonitrile	250.000	233.118	6.8	96	0.00
16	T	Acetone	250.000	217.653	12.9	96	0.01
17	T	Carbon Disulfide	50.000	53.896	-7.8	99	0.00
18	T	Methyl Acetate	50.000	49.489	1.0	98	0.00
19	T	Methyl tert-butyl Ether	50.000	49.811	0.4	99	0.00
20	T	Methylene Chloride	50.000	53.619	-7.2	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.983	-6.0	99	-0.01
22	T	Diisopropyl ether	50.000	49.413	1.2	97	0.00
23	T	Vinyl Acetate	250.000	244.160	2.3	98	0.00
24	P	1,1-Dichloroethane	50.000	49.541	0.9	98	0.00
25	T	2-Butanone	250.000	219.962	12.0	95	0.00
26	T	2,2-Dichloropropane	50.000	49.021	2.0	99	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.375	-0.8	99	-0.01
28	T	Bromochloromethane	50.000	48.706	2.6	93	0.00
29	T	Tetrahydrofuran	250.000	235.849	5.7	97	0.00
30	C	Chloroform	50.000	49.223	1.6#	100	0.00
31	T	Cyclohexane	50.000	48.893	2.2	95	0.00
32	T	1,1,1-Trichloroethane	50.000	49.459	1.1	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.139	5.7	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	47.228	5.5	92	0.00
36	T	1,1-Dichloropropene	50.000	51.277	-2.6	96	0.00
37	T	Ethyl Acetate	50.000	48.311	3.4	101	0.00
38	T	Carbon Tetrachloride	50.000	50.330	-0.7	97	0.00
39	T	Methylcyclohexane	50.000	52.562	-5.1	95	0.00
40	TM	Benzene	50.000	50.829	-1.7	98	0.00
41	T	Methacrylonitrile	50.000	46.828	6.3	92	-0.02
42	TM	1,2-Dichloroethane	50.000	49.384	1.2	98	0.00
43	T	Isopropyl Acetate	50.000	47.440	5.1	97	0.00
44	TM	Trichloroethene	50.000	49.762	0.5	98	0.00
45	C	1,2-Dichloropropane	50.000	49.840	0.3#	100	0.00
46	T	Dibromomethane	50.000	50.162	-0.3	100	0.00
47	T	Bromodichloromethane	50.000	49.395	1.2	99	0.00
48	T	Methyl methacrylate	50.000	47.851	4.3	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	959.225	4.1	106	0.02
50	S	Toluene-d8	50.000	48.429	3.1	92	0.00
51	T	4-Methyl-2-Pentanone	250.000	235.862	5.7	97	0.00
52	CM	Toluene	50.000	51.512	-3.0#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	50.011	-0.0	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.847	-1.7	99	0.00
55	T	1,1,2-Trichloroethane	50.000	47.960	4.1	97	0.00
56	T	Ethyl methacrylate	50.000	49.689	0.6	97	0.00
57	T	1,3-Dichloropropane	50.000	49.369	1.3	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.067	-1.6	99	0.00
59	T	2-Hexanone	250.000	232.569	7.0	96	0.00
60	T	Dibromochloromethane	50.000	49.130	1.7	97	0.00
61	T	1,2-Dibromoethane	50.000	49.441	1.1	98	0.00
62	S	4-Bromofluorobenzene	50.000	46.872	6.3	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	50.321	-0.6	101	0.00
65	PM	Chlorobenzene	50.000	49.313	1.4	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.203	1.6	100	0.00
67	C	Ethyl Benzene	50.000	49.869	0.3#	98	0.00
68	T	m/p-Xylenes	100.000	100.195	-0.2	97	0.00
69	T	o-Xylene	50.000	50.087	-0.2	97	0.00
70	T	Styrene	50.000	50.428	-0.9	97	0.00
71	P	Bromoform	50.000	48.575	2.8	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	49.073	1.9	96	0.00
74	T	N-amyl acetate	50.000	47.557	4.9	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.289	5.4	96	0.00
76	T	1,2,3-Trichloropropane	50.000	44.045	11.9	80	0.00
77	T	Bromobenzene	50.000	49.078	1.8	98	0.00
78	T	n-propylbenzene	50.000	49.558	0.9	96	0.00
79	T	2-Chlorotoluene	50.000	49.214	1.6	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.495	1.0	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.728	4.5	97	0.00
82	T	4-Chlorotoluene	50.000	49.028	1.9	97	0.00
83	T	tert-Butylbenzene	50.000	48.989	2.0	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.334	1.3	96	0.00
85	T	sec-Butylbenzene	50.000	49.005	2.0	95	0.00
86	T	p-Isopropyltoluene	50.000	49.208	1.6	95	0.00
87	T	1,3-Dichlorobenzene	50.000	48.308	3.4	96	0.00
88	T	1,4-Dichlorobenzene	50.000	47.913	4.2	96	0.00
89	T	n-Butylbenzene	50.000	49.000	2.0	94	0.00
90	T	Hexachloroethane	50.000	49.038	1.9	97	0.00
91	T	1,2-Dichlorobenzene	50.000	48.270	3.5	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.094	9.8	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.767	6.5	92	0.00
94	T	Hexachlorobutadiene	50.000	46.233	7.5	91	0.00
95	T	Naphthalene	50.000	45.926	8.1	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.831	8.3	91	0.00

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