Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
Data File : VY015479.D
Acq On : 07 Sep 2023 20:10
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 07 23:13:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	39.642	20.7	79	0.00
3	P	Chloromethane	50.000	44.703	10.6	88	0.00
4	C	Vinyl Chloride	50.000	43.087	13.8#	86	0.00
5	T	Bromomethane	50.000	46.537	6.9	94	-0.01
6	T	Chloroethane	50.000	45.112	9.8	91	-0.01
7	T	Trichlorofluoromethane	50.000	43.811	12.4	89	0.00
8	T	Diethyl Ether	50.000	48.488	3.0	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	42.632	14.7	86	-0.01
10	T	Methyl Iodide	50.000	38.172	23.7	72	-0.01
11	T	Tert butyl alcohol	250.000	311.410	-24.6	126	0.00
12	CM	1,1-Dichloroethene	50.000	43.409	13.2#	88	0.00
13	T	Acrolein	250.000	165.469	33.8#	58	0.00
14	T	Allyl chloride	50.000	44.536	10.9	88	-0.01
15	T	Acrylonitrile	250.000	272.808	-9.1	103	-0.01
16	T	Acetone	250.000	225.593	9.8	77	0.00
17	T	Carbon Disulfide	50.000	38.858	22.3	78	-0.01
18	T	Methyl Acetate	50.000	70.824	-41.6#	134	0.00
19	T	Methyl tert-butyl Ether	50.000	51.210	-2.4	99	0.00
20	T	Methylene Chloride	50.000	38.134	23.7	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.117	9.8	90	0.00
22	T	Diisopropyl ether	50.000	47.364	5.3	94	0.00
23	T	Vinyl Acetate	250.000	209.386	16.2	80	0.00
24	P	1,1-Dichloroethane	50.000	46.298	7.4	95	0.00
25	T	2-Butanone	250.000	263.009	-5.2	94	0.00
26	T	2,2-Dichloropropane	50.000	39.842	20.3	81	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.087	3.8	96	0.00
28	T	Bromochloromethane	50.000	48.412	3.2	101	0.00
29	T	Tetrahydrofuran	250.000	277.799	-11.1	103	0.00
30	C	Chloroform	50.000	48.191	3.6#	98	0.00
31	T	Cyclohexane	50.000	38.057	23.9	80	0.00
32	T	1,1,1-Trichloroethane	50.000	46.625	6.8	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.025	-0.0	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35	S	Dibromofluoromethane	50.000	48.844	2.3	104	0.00
36	T	1,1-Dichloropropene	50.000	42.245	15.5	89	0.00
37	T	Ethyl Acetate	50.000	49.028	1.9	96	0.00
38	T	Carbon Tetrachloride	50.000	44.299	11.4	92	0.00
39	T	Methylcyclohexane	50.000	39.756	20.5	83	0.00
40	TM	Benzene	50.000	44.882	10.2	93	0.00
41	T	Methacrylonitrile	50.000	58.816	-17.6	114	0.00
42	TM	1,2-Dichloroethane	50.000	47.833	4.3	97	0.00
43	T	Isopropyl Acetate	50.000	49.398	1.2	97	0.00
44	TM	Trichloroethene	50.000	46.488	7.0	97	0.00
45	C	1,2-Dichloropropane	50.000	45.580	8.8#	94	0.00
46	T	Dibromomethane	50.000	48.737	2.5	99	0.00
47	T	Bromodichloromethane	50.000	48.492	3.0	99	0.00
48	T	Methyl methacrylate	50.000	51.544	-3.1	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1139.710	-14.0	111	0.00
50	S	Toluene-d8	50.000	46.615	6.8	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	272.086	-8.8	104	0.00
52	CM	Toluene	50.000	46.362	7.3#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	46.028	7.9	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.321	9.4	92	0.00
55	T	1,1,2-Trichloroethane	50.000	49.996	0.0	101	0.00
56	T	Ethyl methacrylate	50.000	51.086	-2.2	100	0.00
57	T	1,3-Dichloropropane	50.000	48.169	3.7	98	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.740	-0.3	106	0.00
59	T	2-Hexanone	250.000	272.926	-9.2	102	0.00
60	T	Dibromochloromethane	50.000	51.010	-2.0	103	0.00
61	T	1,2-Dibromoethane	50.000	50.603	-1.2	102	0.00
62	S	4-Bromofluorobenzene	50.000	50.667	-1.3	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	52.303	-4.6	110	0.00
65	PM	Chlorobenzene	50.000	46.063	7.9	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.948	2.1	104	0.00
67	C	Ethyl Benzene	50.000	44.782	10.4#	95	0.00
68	T	m/p-Xylenes	100.000	90.539	9.5	96	0.00
69	T	o-Xylene	50.000	46.589	6.8	98	0.00
70	T	Styrene	50.000	47.882	4.2	99	0.00
71	P	Bromoform	50.000	53.908	-7.8	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	114	0.00
73	T	Isopropylbenzene	50.000	42.684	14.6	96	0.00
74	T	N-amyl acetate	50.000	44.016	12.0	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.359	7.3	100	0.00
76	T	1,2,3-Trichloropropane	50.000	55.934	-11.9	119	0.00
77	T	Bromobenzene	50.000	45.315	9.4	101	0.00
78	T	n-propylbenzene	50.000	42.211	15.6	93	0.00
79	T	2-Chlorotoluene	50.000	43.240	13.5	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.523	13.0	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.462	15.1	90	0.00
82	T	4-Chlorotoluene	50.000	43.431	13.1	96	0.00
83	T	tert-Butylbenzene	50.000	43.364	13.3	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.702	12.6	96	0.00
85	T	sec-Butylbenzene	50.000	42.348	15.3	94	0.00
86	T	p-Isopropyltoluene	50.000	42.849	14.3	94	0.00
87	T	1,3-Dichlorobenzene	50.000	44.458	11.1	99	0.00
88	T	1,4-Dichlorobenzene	50.000	43.957	12.1	98	0.00
89	T	n-Butylbenzene	50.000	41.741	16.5	92	0.00
90	T	Hexachloroethane	50.000	44.695	10.6	99	0.00
91	T	1,2-Dichlorobenzene	50.000	46.000	8.0	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.899	-5.8	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.344	7.3	100	0.00
94	T	Hexachlorobutadiene	50.000	42.984	14.0	98	0.00
95	T	Naphthalene	50.000	52.149	-4.3	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.106	5.8	103	0.00

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