Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
Data File : VY015703.D
Acq On : 25 Sep 2023 16:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 26 04:24:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 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	91	0.01
2	T	Dichlorodifluoromethane	50.000	55.045	-10.1	92	0.01
3	P	Chloromethane	50.000	53.306	-6.6	89	0.01
4	C	Vinyl Chloride	50.000	55.636	-11.3#	93	0.01
5	T	Bromomethane	50.000	48.402	3.2	87	0.02
6	T	Chloroethane	50.000	55.270	-10.5	93	0.01
7	T	Trichlorofluoromethane	50.000	55.977	-12.0	98	0.01
8	T	Diethyl Ether	50.000	53.736	-7.5	93	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.531	-13.1	98	0.01
10	T	Methyl Iodide	50.000	50.313	-0.6	88	0.01
11	T	Tert butyl alcohol	250.000	239.888	4.0	93	0.04
12	CM	1,1-Dichloroethene	50.000	56.031	-12.1#	97	0.01
13	T	Acrolein	250.000	222.068	11.2	80	0.02
14	T	Allyl chloride	50.000	54.240	-8.5	93	0.02
15	T	Acrylonitrile	250.000	260.105	-4.0	94	0.01
16	T	Acetone	250.000	254.848	-1.9	96	0.02
17	T	Carbon Disulfide	50.000	53.905	-7.8	88	0.02
18	T	Methyl Acetate	50.000	53.843	-7.7	96	0.02
19	T	Methyl tert-butyl Ether	50.000	54.194	-8.4	94	0.02
20	T	Methylene Chloride	50.000	51.891	-3.8	92	0.02
21	T	trans-1,2-Dichloroethene	50.000	55.753	-11.5	93	0.02
22	T	Diisopropyl ether	50.000	55.053	-10.1	93	0.01
23	T	Vinyl Acetate	250.000	268.288	-7.3	92	0.02
24	P	1,1-Dichloroethane	50.000	54.057	-8.1	93	0.02
25	T	2-Butanone	250.000	242.753	2.9	93	0.02
26	T	2,2-Dichloropropane	50.000	51.538	-3.1	96	0.02
27	T	cis-1,2-Dichloroethene	50.000	54.275	-8.5	93	0.01
28	T	Bromochloromethane	50.000	48.537	2.9	86	0.01
29	T	Tetrahydrofuran	250.000	257.366	-2.9	93	0.01
30	C	Chloroform	50.000	54.566	-9.1#	96	0.02
31	T	Cyclohexane	50.000	52.453	-4.9	94	0.00
32	T	1,1,1-Trichloroethane	50.000	55.954	-11.9	97	0.01
33	S	1,2-Dichloroethane-d4	50.000	46.939	6.1	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	52.307	-4.6	98	0.00
36	T	1,1-Dichloropropene	50.000	55.852	-11.7	95	0.01
37	T	Ethyl Acetate	50.000	52.690	-5.4	94	0.02
38	T	Carbon Tetrachloride	50.000	57.374	-14.7	97	0.01
39	T	Methylcyclohexane	50.000	55.770	-11.5	93	0.00
40	TM	Benzene	50.000	55.507	-11.0	93	0.02
41	T	Methacrylonitrile	50.000	54.162	-8.3	108	0.00
42	TM	1,2-Dichloroethane	50.000	54.718	-9.4	93	0.00
43	T	Isopropyl Acetate	50.000	54.069	-8.1	94	0.01
44	TM	Trichloroethene	50.000	56.134	-12.3	95	0.00
45	C	1,2-Dichloropropane	50.000	55.678	-11.4#	93	0.00
46	T	Dibromomethane	50.000	55.437	-10.9	94	0.01
47	T	Bromodichloromethane	50.000	56.272	-12.5	95	0.00
48	T	Methyl methacrylate	50.000	54.180	-8.4	93	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1084.244	-8.4	98	0.02
50	S	Toluene-d8	50.000	48.268	3.5	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.421	-7.8	94	0.00
52	CM	Toluene	50.000	56.341	-12.7#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	56.323	-12.6	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.678	-11.4	94	0.00
55	T	1,1,2-Trichloroethane	50.000	55.353	-10.7	95	0.00
56	T	Ethyl methacrylate	50.000	56.671	-13.3	94	0.00
57	T	1,3-Dichloropropane	50.000	54.792	-9.6	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	218.383	12.6	80	0.00
59	T	2-Hexanone	250.000	267.939	-7.2	95	0.00
60	T	Dibromochloromethane	50.000	55.890	-11.8	95	0.00
61	T	1,2-Dibromoethane	50.000	54.669	-9.3	95	0.00
62	S	4-Bromofluorobenzene	50.000	49.742	0.5	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	57.427	-14.9	97	0.00
65	PM	Chlorobenzene	50.000	55.806	-11.6	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.056	-14.1	95	0.00
67	C	Ethyl Benzene	50.000	56.593	-13.2#	94	0.00
68	T	m/p-Xylenes	100.000	114.000	-14.0	95	0.00
69	T	o-Xylene	50.000	56.197	-12.4	93	0.00
70	T	Styrene	50.000	57.870	-15.7	95	0.00
71	P	Bromoform	50.000	57.566	-15.1	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	55.125	-10.3	96	0.00
74	T	N-amyl acetate	50.000	53.744	-7.5	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.006	-6.0	96	0.00
76	T	1,2,3-Trichloropropane	50.000	54.473	-8.9	94	0.00
77	T	Bromobenzene	50.000	53.910	-7.8	95	0.00
78	T	n-propylbenzene	50.000	54.842	-9.7	94	0.00
79	T	2-Chlorotoluene	50.000	54.079	-8.2	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.005	-10.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.082	-8.2	95	0.00
82	T	4-Chlorotoluene	50.000	54.432	-8.9	94	0.00
83	T	tert-Butylbenzene	50.000	55.573	-11.1	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.015	-10.0	94	0.00
85	T	sec-Butylbenzene	50.000	55.121	-10.2	94	0.00
86	T	p-Isopropyltoluene	50.000	55.019	-10.0	94	0.00
87	T	1,3-Dichlorobenzene	50.000	54.108	-8.2	94	0.00
88	T	1,4-Dichlorobenzene	50.000	53.731	-7.5	94	0.00
89	T	n-Butylbenzene	50.000	54.789	-9.6	94	0.00
90	T	Hexachloroethane	50.000	55.486	-11.0	96	0.00
91	T	1,2-Dichlorobenzene	50.000	54.708	-9.4	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.276	-0.6	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.323	-6.6	92	0.00
94	T	Hexachlorobutadiene	50.000	51.504	-3.0	88	0.00
95	T	Naphthalene	50.000	53.941	-7.9	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.865	-5.7	91	0.00

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