Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
Data File : VY014510.D
Acq On : 30 Jun 2023 11:59
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Jun 30 23:15:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	57.523	-15.0	118	0.00
3	P	Chloromethane	50.000	51.870	-3.7	114	0.00
4	C	Vinyl Chloride	50.000	53.500	-7.0#	116	0.00
5	T	Bromomethane	50.000	50.437	-0.9	115	-0.02
6	T	Chloroethane	50.000	53.496	-7.0	114	-0.01
7	T	Trichlorofluoromethane	50.000	53.764	-7.5	117	-0.01
8	T	Diethyl Ether	50.000	51.934	-3.9	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.270	-6.5	116	-0.01
10	T	Methyl Iodide	50.000	57.260	-14.5	112	-0.01
11	T	Tert butyl alcohol	250.000	221.165	11.5	94	-0.01
12	CM	1,1-Dichloroethene	50.000	54.328	-8.7#	114	-0.01
13	T	Acrolein	250.000	224.269	10.3	93	0.00
14	T	Allyl chloride	50.000	53.835	-7.7	111	-0.01
15	T	Acrylonitrile	250.000	253.111	-1.2	101	-0.01
16	T	Acetone	250.000	305.551	-22.2	126	-0.01
17	T	Carbon Disulfide	50.000	55.027	-10.1	116	-0.01
18	T	Methyl Acetate	50.000	47.697	4.6	100	0.00
19	T	Methyl tert-butyl Ether	50.000	53.222	-6.4	107	0.00
20	T	Methylene Chloride	50.000	57.267	-14.5	115	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.807	-9.6	114	-0.01
22	T	Diisopropyl ether	50.000	55.823	-11.6	111	0.00
23	T	Vinyl Acetate	250.000	278.504	-11.4	107	-0.01
24	P	1,1-Dichloroethane	50.000	53.736	-7.5	112	0.00
25	T	2-Butanone	250.000	269.917	-8.0	106	-0.01
26	T	2,2-Dichloropropane	50.000	55.350	-10.7	119	-0.01
27	T	cis-1,2-Dichloroethene	50.000	54.539	-9.1	112	0.00
28	T	Bromochloromethane	50.000	49.170	1.7	102	0.00
29	T	Tetrahydrofuran	250.000	257.479	-3.0	99	-0.01
30	C	Chloroform	50.000	54.007	-8.0#	113	0.00
31	T	Cyclohexane	50.000	54.123	-8.2	117	0.00
32	T	1,1,1-Trichloroethane	50.000	54.608	-9.2	115	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.187	3.6	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	51.464	-2.9	103	0.00
36	T	1,1-Dichloropropene	50.000	56.848	-13.7	116	-0.01
37	T	Ethyl Acetate	50.000	51.370	-2.7	101	-0.01
38	T	Carbon Tetrachloride	50.000	56.146	-12.3	116	0.00
39	T	Methylcyclohexane	50.000	58.375	-16.8	118	0.00
40	TM	Benzene	50.000	55.594	-11.2	113	0.00
41	T	Methacrylonitrile	50.000	146.494	-193.0#	289	0.02
42	TM	1,2-Dichloroethane	50.000	53.642	-7.3	109	0.00
43	T	Isopropyl Acetate	50.000	52.615	-5.2	103	0.00
44	TM	Trichloroethene	50.000	54.977	-10.0	113	0.00
45	C	1,2-Dichloropropane	50.000	55.165	-10.3#	112	0.00
46	T	Dibromomethane	50.000	54.316	-8.6	110	0.00
47	T	Bromodichloromethane	50.000	55.214	-10.4	112	0.00
48	T	Methyl methacrylate	50.000	55.050	-10.1	106	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	1046.261	-4.6	95	-0.02
50	S	Toluene-d8	50.000	51.244	-2.5	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	264.317	-5.7	101	0.00
52	CM	Toluene	50.000	56.438	-12.9#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	55.859	-11.7	111	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.691	-11.4	112	0.00
55	T	1,1,2-Trichloroethane	50.000	54.004	-8.0	108	0.00
56	T	Ethyl methacrylate	50.000	55.208	-10.4	106	0.00
57	T	1,3-Dichloropropane	50.000	54.220	-8.4	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.310	-0.9	95	0.00
59	T	2-Hexanone	250.000	278.179	-11.3	105	0.00
60	T	Dibromochloromethane	50.000	54.829	-9.7	110	0.00
61	T	1,2-Dibromoethane	50.000	54.033	-8.1	107	0.00
62	S	4-Bromofluorobenzene	50.000	50.975	-2.0	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	54.653	-9.3	113	0.00
65	PM	Chlorobenzene	50.000	55.188	-10.4	113	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.954	-9.9	112	0.00
67	C	Ethyl Benzene	50.000	57.785	-15.6#	116	0.00
68	T	m/p-Xylenes	100.000	115.557	-15.6	115	0.00
69	T	o-Xylene	50.000	57.589	-15.2	114	0.00
70	T	Styrene	50.000	57.789	-15.6	112	0.00
71	P	Bromoform	50.000	53.912	-7.8	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	58.225	-16.5	116	0.00
74	T	N-amyl acetate	50.000	54.295	-8.6	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.809	-5.6	105	0.00
76	T	1,2,3-Trichloropropane	50.000	97.773	-95.5#	197	0.00
77	T	Bromobenzene	50.000	55.794	-11.6	112	0.00
78	T	n-propylbenzene	50.000	58.149	-16.3	116	0.00
79	T	2-Chlorotoluene	50.000	57.110	-14.2	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.672	-15.3	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.955	-7.9	108	0.00
82	T	4-Chlorotoluene	50.000	56.872	-13.7	115	0.00
83	T	tert-Butylbenzene	50.000	58.014	-16.0	115	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.486	-17.0	115	0.00
85	T	sec-Butylbenzene	50.000	58.185	-16.4	117	0.00
86	T	p-Isopropyltoluene	50.000	58.611	-17.2	117	0.00
87	T	1,3-Dichlorobenzene	50.000	55.437	-10.9	113	0.00
88	T	1,4-Dichlorobenzene	50.000	55.072	-10.1	114	0.00
89	T	n-Butylbenzene	50.000	58.468	-16.9	118	0.00
90	T	Hexachloroethane	50.000	54.564	-9.1	113	0.00
91	T	1,2-Dichlorobenzene	50.000	55.153	-10.3	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.808	0.4	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.266	-12.5	113	0.00
94	T	Hexachlorobutadiene	50.000	57.064	-14.1	119	0.00
95	T	Naphthalene	50.000	55.254	-10.5	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.976	-12.0	112	0.00

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