Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
Data File : VY011036.D
Acq On : 20 Oct 2022 19:22
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 20 22:26:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
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	109	0.00
2	T	Dichlorodifluoromethane	50.000	44.628	10.7	101	0.00
3	P	Chloromethane	50.000	41.324	17.4	96	0.00
4	C	Vinyl Chloride	50.000	44.158	11.7#	99	0.00
5	T	Bromomethane	50.000	45.063	9.9	108	0.00
6	T	Chloroethane	50.000	46.366	7.3	105	0.00
7	T	Trichlorofluoromethane	50.000	48.163	3.7	108	0.00
8	T	Diethyl Ether	50.000	49.282	1.4	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.446	1.1	110	0.00
10	T	Methyl Iodide	50.000	51.501	-3.0	109	0.00
11	T	Tert butyl alcohol	250.000	223.730	10.5	104	0.00
12	CM	1,1-Dichloroethene	50.000	47.721	4.6#	106	0.00
13	T	Acrolein	250.000	170.830	31.7#	75	0.00
14	T	Allyl chloride	50.000	46.304	7.4	101	0.00
15	T	Acrylonitrile	250.000	238.090	4.8	105	0.00
16	T	Acetone	250.000	196.030	21.6	87	0.00
17	T	Carbon Disulfide	50.000	39.359	21.3	91	0.00
18	T	Methyl Acetate	50.000	45.835	8.3	103	0.00
19	T	Methyl tert-butyl Ether	50.000	52.558	-5.1	113	0.00
20	T	Methylene Chloride	50.000	50.937	-1.9	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.836	2.3	108	0.00
22	T	Diisopropyl ether	50.000	50.622	-1.2	108	0.00
23	T	Vinyl Acetate	250.000	251.921	-0.8	104	0.00
24	P	1,1-Dichloroethane	50.000	50.183	-0.4	110	0.00
25	T	2-Butanone	250.000	220.144	11.9	98	0.00
26	T	2,2-Dichloropropane	50.000	49.510	1.0	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.433	-4.9	114	0.00
28	T	Bromochloromethane	50.000	50.372	-0.7	101	0.00
29	T	Tetrahydrofuran	250.000	229.853	8.1	100	0.00
30	C	Chloroform	50.000	52.439	-4.9#	114	0.00
31	T	Cyclohexane	50.000	42.916	14.2	100	0.00
32	T	1,1,1-Trichloroethane	50.000	51.584	-3.2	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.270	11.5	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.00
35	S	Dibromofluoromethane	50.000	48.641	2.7	106	0.00
36	T	1,1-Dichloropropene	50.000	47.727	4.5	105	0.00
37	T	Ethyl Acetate	50.000	47.483	5.0	103	0.00
38	T	Carbon Tetrachloride	50.000	50.869	-1.7	112	0.00
39	T	Methylcyclohexane	50.000	48.407	3.2	106	0.00
40	TM	Benzene	50.000	49.329	1.3	109	0.00
41	T	Methacrylonitrile	50.000	50.893	-1.8	123	0.00
42	TM	1,2-Dichloroethane	50.000	51.064	-2.1	112	0.00
43	T	Isopropyl Acetate	50.000	49.314	1.4	107	0.00
44	TM	Trichloroethene	50.000	51.144	-2.3	114	0.00
45	C	1,2-Dichloropropane	50.000	50.719	-1.4#	110	0.00
46	T	Dibromomethane	50.000	51.838	-3.7	113	0.00
47	T	Bromodichloromethane	50.000	52.884	-5.8	114	0.00
48	T	Methyl methacrylate	50.000	50.109	-0.2	106	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1010.050	-1.0	109	0.00
50	S	Toluene-d8	50.000	44.614	10.8	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	243.201	2.7	104	0.00
52	CM	Toluene	50.000	51.092	-2.2#	111	0.00
53	T	t-1,3-Dichloropropene	50.000	51.898	-3.8	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.621	-3.2	111	0.00
55	T	1,1,2-Trichloroethane	50.000	53.750	-7.5	117	0.00
56	T	Ethyl methacrylate	50.000	54.036	-8.1	112	0.00
57	T	1,3-Dichloropropane	50.000	51.316	-2.6	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.369	-2.5	106	0.00
59	T	2-Hexanone	250.000	241.659	3.3	102	0.00
60	T	Dibromochloromethane	50.000	53.968	-7.9	117	0.00
61	T	1,2-Dibromoethane	50.000	52.015	-4.0	114	0.00
62	S	4-Bromofluorobenzene	50.000	48.610	2.8	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	52.868	-5.7	115	0.00
65	PM	Chlorobenzene	50.000	52.510	-5.0	114	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.486	-9.0	118	0.00
67	C	Ethyl Benzene	50.000	52.816	-5.6#	112	0.00
68	T	m/p-Xylenes	100.000	106.326	-6.3	114	0.00
69	T	o-Xylene	50.000	54.563	-9.1	115	0.00
70	T	Styrene	50.000	54.746	-9.5	114	0.00
71	P	Bromoform	50.000	55.313	-10.6	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	54.016	-8.0	116	0.00
74	T	N-amyl acetate	50.000	51.672	-3.3	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.373	-0.7	112	0.00
76	T	1,2,3-Trichloropropane	50.000	48.558	2.9	108	0.00
77	T	Bromobenzene	50.000	53.697	-7.4	117	0.00
78	T	n-propylbenzene	50.000	54.674	-9.3	117	0.00
79	T	2-Chlorotoluene	50.000	53.139	-6.3	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.417	-6.8	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.640	-1.3	107	0.00
82	T	4-Chlorotoluene	50.000	52.576	-5.2	114	0.00
83	T	tert-Butylbenzene	50.000	55.823	-11.6	118	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.126	-8.3	115	0.00
85	T	sec-Butylbenzene	50.000	54.426	-8.9	116	0.00
86	T	p-Isopropyltoluene	50.000	54.488	-9.0	116	0.00
87	T	1,3-Dichlorobenzene	50.000	52.832	-5.7	116	0.00
88	T	1,4-Dichlorobenzene	50.000	52.576	-5.2	115	0.00
89	T	n-Butylbenzene	50.000	56.558	-13.1	119	0.00
90	T	Hexachloroethane	50.000	55.270	-10.5	120	0.00
91	T	1,2-Dichlorobenzene	50.000	53.216	-6.4	116	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.694	-1.4	114	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.477	-13.0	121	0.00
94	T	Hexachlorobutadiene	50.000	55.680	-11.4	122	0.00
95	T	Naphthalene	50.000	57.618	-15.2	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.145	-12.3	120	0.00

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