Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
Data File : VY015093.D
Acq On : 14 Aug 2023 20:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 15 02:25:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	45.741	8.5	79	0.00
3	P	Chloromethane	50.000	43.768	12.5	75	0.00
4	C	Vinyl Chloride	50.000	40.121	19.8#	72	0.00
5	T	Bromomethane	50.000	47.055	5.9	78	0.00
6	T	Chloroethane	50.000	42.366	15.3	74	0.00
7	T	Trichlorofluoromethane	50.000	45.918	8.2	83	0.00
8	T	Diethyl Ether	50.000	56.049	-12.1	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.183	5.6	85	0.00
10	T	Methyl Iodide	50.000	44.812	10.4	73	0.00
11	T	Tert butyl alcohol	250.000	290.107	-16.0	100	0.01
12	CM	1,1-Dichloroethene	50.000	47.408	5.2#	83	0.00
13	T	Acrolein	250.000	293.437	-17.4	108	0.00
14	T	Allyl chloride	50.000	52.064	-4.1	90	0.00
15	T	Acrylonitrile	250.000	309.736	-23.9	107	0.00
16	T	Acetone	250.000	238.061	4.8	79	0.00
17	T	Carbon Disulfide	50.000	47.790	4.4	81	0.00
18	T	Methyl Acetate	50.000	63.306	-26.6#	109	0.00
19	T	Methyl tert-butyl Ether	50.000	55.184	-10.4	96	0.00
20	T	Methylene Chloride	50.000	60.558	-21.1	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.150	-0.3	88	0.00
22	T	Diisopropyl ether	50.000	53.497	-7.0	93	0.00
23	T	Vinyl Acetate	250.000	275.532	-10.2	94	0.00
24	P	1,1-Dichloroethane	50.000	50.885	-1.8	89	0.00
25	T	2-Butanone	250.000	285.207	-14.1	99	0.00
26	T	2,2-Dichloropropane	50.000	42.050	15.9	76	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.762	-1.5	89	0.00
28	T	Bromochloromethane	50.000	53.696	-7.4	95	0.00
29	T	Tetrahydrofuran	250.000	310.474	-24.2	108	0.00
30	C	Chloroform	50.000	50.520	-1.0#	89	0.00
31	T	Cyclohexane	50.000	49.505	1.0	83	0.00
32	T	1,1,1-Trichloroethane	50.000	48.260	3.5	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	62.559	-25.1#	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	62.444	-24.9	107	0.00
36	T	1,1-Dichloropropene	50.000	47.155	5.7	84	0.00
37	T	Ethyl Acetate	50.000	58.582	-17.2	106	0.00
38	T	Carbon Tetrachloride	50.000	46.468	7.1	83	0.00
39	T	Methylcyclohexane	50.000	47.296	5.4	84	0.00
40	TM	Benzene	50.000	49.634	0.7	88	0.00
41	T	Methacrylonitrile	50.000	52.458	-4.9	87	0.00
42	TM	1,2-Dichloroethane	50.000	51.832	-3.7	91	0.00
43	T	Isopropyl Acetate	50.000	57.009	-14.0	101	0.00
44	TM	Trichloroethene	50.000	49.166	1.7	88	0.00
45	C	1,2-Dichloropropane	50.000	50.227	-0.5#	90	0.00
46	T	Dibromomethane	50.000	54.691	-9.4	95	0.00
47	T	Bromodichloromethane	50.000	51.474	-2.9	90	0.00
48	T	Methyl methacrylate	50.000	59.481	-19.0	102	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1247.381	-24.7	108	0.00
50	S	Toluene-d8	50.000	61.153	-22.3	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	298.926	-19.6	104	0.00
52	CM	Toluene	50.000	49.326	1.3#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	51.107	-2.2	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.816	-1.6	90	0.00
55	T	1,1,2-Trichloroethane	50.000	54.926	-9.9	98	0.00
56	T	Ethyl methacrylate	50.000	57.489	-15.0	99	0.00
57	T	1,3-Dichloropropane	50.000	53.738	-7.5	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	299.390	-19.8	108	0.00
59	T	2-Hexanone	250.000	298.113	-19.2	103	0.00
60	T	Dibromochloromethane	50.000	52.842	-5.7	92	0.00
61	T	1,2-Dibromoethane	50.000	54.104	-8.2	96	0.00
62	S	4-Bromofluorobenzene	50.000	63.350	-26.7#	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	52.704	-5.4	95	0.00
65	PM	Chlorobenzene	50.000	49.170	1.7	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.986	-4.0	93	0.00
67	C	Ethyl Benzene	50.000	48.500	3.0#	88	0.00
68	T	m/p-Xylenes	100.000	97.081	2.9	87	0.00
69	T	o-Xylene	50.000	49.947	0.1	90	0.00
70	T	Styrene	50.000	50.845	-1.7	91	0.00
71	P	Bromoform	50.000	54.606	-9.2	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	47.131	5.7	89	0.00
74	T	N-amyl acetate	50.000	55.233	-10.5	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.578	-9.2	100	0.00
76	T	1,2,3-Trichloropropane	50.000	53.764	-7.5	102	0.00
77	T	Bromobenzene	50.000	48.356	3.3	91	0.00
78	T	n-propylbenzene	50.000	46.666	6.7	88	0.00
79	T	2-Chlorotoluene	50.000	47.420	5.2	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.118	5.8	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.530	-9.1	98	0.00
82	T	4-Chlorotoluene	50.000	48.173	3.7	90	0.00
83	T	tert-Butylbenzene	50.000	47.709	4.6	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.194	3.6	89	0.00
85	T	sec-Butylbenzene	50.000	47.130	5.7	88	0.00
86	T	p-Isopropyltoluene	50.000	46.859	6.3	87	0.00
87	T	1,3-Dichlorobenzene	50.000	47.494	5.0	89	0.00
88	T	1,4-Dichlorobenzene	50.000	47.636	4.7	89	0.00
89	T	n-Butylbenzene	50.000	47.569	4.9	88	0.00
90	T	Hexachloroethane	50.000	48.593	2.8	92	0.00
91	T	1,2-Dichlorobenzene	50.000	49.785	0.4	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.794	-15.6	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.654	0.7	92	0.00
94	T	Hexachlorobutadiene	50.000	47.636	4.7	91	0.00
95	T	Naphthalene	50.000	57.016	-14.0	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.962	-3.9	97	0.00

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