Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015233.D
Acq On : 22 Aug 2023 10:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 22 14:26:10 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	78	0.00
2	T	Dichlorodifluoromethane	50.000	42.851	14.3	67	0.00
3	P	Chloromethane	50.000	49.064	1.9	75	0.00
4	C	Vinyl Chloride	50.000	44.625	10.8#	73	0.00
5	T	Bromomethane	50.000	53.720	-7.4	79	0.00
6	T	Chloroethane	50.000	49.117	1.8	77	0.00
7	T	Trichlorofluoromethane	50.000	45.251	9.5	74	0.01
8	T	Diethyl Ether	50.000	48.184	3.6	77	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.097	9.8	73	0.00
10	T	Methyl Iodide	50.000	44.238	11.5	65	0.00
11	T	Tert butyl alcohol	250.000	220.194	11.9	70	0.02
12	CM	1,1-Dichloroethene	50.000	45.272	9.5#	72	0.00
13	T	Acrolein	250.000	147.484	41.0#	57	0.01
14	T	Allyl chloride	50.000	46.720	6.6	73	0.00
15	T	Acrylonitrile	250.000	255.047	-2.0	80	0.01
16	T	Acetone	250.000	223.840	10.5	67	0.01
17	T	Carbon Disulfide	50.000	42.993	14.0	66	0.00
18	T	Methyl Acetate	50.000	50.512	-1.0	79	0.01
19	T	Methyl tert-butyl Ether	50.000	49.203	1.6	77	0.01
20	T	Methylene Chloride	50.000	58.401	-16.8	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.240	5.5	75	0.00
22	T	Diisopropyl ether	50.000	48.947	2.1	77	0.00
23	T	Vinyl Acetate	250.000	240.386	3.8	74	0.00
24	P	1,1-Dichloroethane	50.000	49.354	1.3	78	0.00
25	T	2-Butanone	250.000	241.528	3.4	75	0.00
26	T	2,2-Dichloropropane	50.000	45.923	8.2	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.019	4.0	76	0.00
28	T	Bromochloromethane	50.000	48.996	2.0	78	0.00
29	T	Tetrahydrofuran	250.000	248.566	0.6	78	0.00
30	C	Chloroform	50.000	49.394	1.2#	78	0.00
31	T	Cyclohexane	50.000	45.898	8.2	70	0.00
32	T	1,1,1-Trichloroethane	50.000	48.460	3.1	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.818	-3.6	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	53.864	-7.7	81	0.00
36	T	1,1-Dichloropropene	50.000	48.335	3.3	75	0.00
37	T	Ethyl Acetate	50.000	48.777	2.4	77	0.00
38	T	Carbon Tetrachloride	50.000	47.629	4.7	75	0.00
39	T	Methylcyclohexane	50.000	44.803	10.4	70	0.00
40	TM	Benzene	50.000	49.451	1.1	77	0.00
41	T	Methacrylonitrile	50.000	57.278	-14.6	83	0.02
42	TM	1,2-Dichloroethane	50.000	50.058	-0.1	77	0.00
43	T	Isopropyl Acetate	50.000	49.773	0.5	77	0.00
44	TM	Trichloroethene	50.000	48.617	2.8	76	0.00
45	C	1,2-Dichloropropane	50.000	49.562	0.9#	78	0.00
46	T	Dibromomethane	50.000	50.688	-1.4	77	0.00
47	T	Bromodichloromethane	50.000	50.590	-1.2	78	0.00
48	T	Methyl methacrylate	50.000	51.067	-2.1	77	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	963.254	3.7	73	0.00
50	S	Toluene-d8	50.000	51.907	-3.8	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.066	-3.6	79	0.00
52	CM	Toluene	50.000	49.103	1.8#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	48.382	3.2	75	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.946	2.1	76	0.00
55	T	1,1,2-Trichloroethane	50.000	49.757	0.5	78	0.00
56	T	Ethyl methacrylate	50.000	49.236	1.5	74	0.00
57	T	1,3-Dichloropropane	50.000	50.242	-0.5	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.931	3.6	76	0.00
59	T	2-Hexanone	250.000	256.229	-2.5	78	0.00
60	T	Dibromochloromethane	50.000	50.629	-1.3	77	0.00
61	T	1,2-Dibromoethane	50.000	49.121	1.8	76	0.00
62	S	4-Bromofluorobenzene	50.000	52.659	-5.3	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	50.280	-0.6	79	0.00
65	PM	Chlorobenzene	50.000	48.583	2.8	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.669	0.7	78	0.00
67	C	Ethyl Benzene	50.000	48.523	3.0#	77	0.00
68	T	m/p-Xylenes	100.000	97.016	3.0	76	0.00
69	T	o-Xylene	50.000	48.636	2.7	77	0.00
70	T	Styrene	50.000	49.118	1.8	77	0.00
71	P	Bromoform	50.000	48.686	2.6	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73	T	Isopropylbenzene	50.000	47.793	4.4	78	0.00
74	T	N-amyl acetate	50.000	47.892	4.2	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.546	0.9	78	0.00
76	T	1,2,3-Trichloropropane	50.000	53.136	-6.3	87	0.00
77	T	Bromobenzene	50.000	47.593	4.8	77	0.00
78	T	n-propylbenzene	50.000	47.995	4.0	78	0.00
79	T	2-Chlorotoluene	50.000	47.952	4.1	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.195	3.6	77	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.731	6.5	72	0.00
82	T	4-Chlorotoluene	50.000	47.915	4.2	77	0.00
83	T	tert-Butylbenzene	50.000	48.138	3.7	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.775	4.5	76	0.00
85	T	sec-Butylbenzene	50.000	48.245	3.5	78	0.00
86	T	p-Isopropyltoluene	50.000	47.854	4.3	77	0.00
87	T	1,3-Dichlorobenzene	50.000	48.278	3.4	78	0.00
88	T	1,4-Dichlorobenzene	50.000	47.974	4.1	77	0.00
89	T	n-Butylbenzene	50.000	47.238	5.5	75	0.00
90	T	Hexachloroethane	50.000	46.961	6.1	76	0.00
91	T	1,2-Dichlorobenzene	50.000	49.323	1.4	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.966	2.1	78	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.961	6.1	75	0.00
94	T	Hexachlorobutadiene	50.000	45.456	9.1	75	0.00
95	T	Naphthalene	50.000	48.057	3.9	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.812	2.4	79	0.00

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