Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016405.D
Acq On : 17 Nov 2023 09:15
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 18 06:15:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	48.410	3.2	98	0.00
3	P	Chloromethane	50.000	45.493	9.0	91	0.00
4	C	Vinyl Chloride	50.000	47.114	5.8#	93	0.00
5	T	Bromomethane	50.000	46.181	7.6	92	0.00
6	T	Chloroethane	50.000	48.265	3.5	96	0.00
7	T	Trichlorofluoromethane	50.000	52.254	-4.5	99	0.00
8	T	Diethyl Ether	50.000	46.092	7.8	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.378	-2.8	101	0.00
10	T	Methyl Iodide	50.000	53.322	-6.6	99	0.00
11	T	Tert butyl alcohol	250.000	172.333	31.1#	67	-0.01
12	CM	1,1-Dichloroethene	50.000	50.542	-1.1#	98	0.00
13	T	Acrolein	250.000	228.680	8.5	85	0.00
14	T	Allyl chloride	50.000	48.880	2.2	92	-0.01
15	T	Acrylonitrile	250.000	215.243	13.9	80	0.00
16	T	Acetone	250.000	220.464	11.8	87	0.00
17	T	Carbon Disulfide	50.000	48.533	2.9	94	0.00
18	T	Methyl Acetate	50.000	45.096	9.8	84	0.00
19	T	Methyl tert-butyl Ether	50.000	45.553	8.9	85	0.00
20	T	Methylene Chloride	50.000	54.017	-8.0	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.503	-1.0	98	0.00
22	T	Diisopropyl ether	50.000	48.165	3.7	90	0.00
23	T	Vinyl Acetate	250.000	217.193	13.1	79	0.00
24	P	1,1-Dichloroethane	50.000	51.244	-2.5	98	-0.01
25	T	2-Butanone	250.000	200.212	19.9	76	0.00
26	T	2,2-Dichloropropane	50.000	53.077	-6.2	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.999	-4.0	99	0.00
28	T	Bromochloromethane	50.000	48.059	3.9	92	0.00
29	T	Tetrahydrofuran	250.000	198.766	20.5	72	0.00
30	C	Chloroform	50.000	52.370	-4.7#	101	0.00
31	T	Cyclohexane	50.000	46.317	7.4	93	0.00
32	T	1,1,1-Trichloroethane	50.000	53.349	-6.7	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.084	3.8	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	54.522	-9.0	103	0.00
36	T	1,1-Dichloropropene	50.000	51.380	-2.8	97	0.00
37	T	Ethyl Acetate	50.000	39.774	20.5	74	0.00
38	T	Carbon Tetrachloride	50.000	55.501	-11.0	104	0.00
39	T	Methylcyclohexane	50.000	51.260	-2.5	96	0.00
40	TM	Benzene	50.000	52.355	-4.7	98	0.00
41	T	Methacrylonitrile	50.000	45.789	8.4	88	0.00
42	TM	1,2-Dichloroethane	50.000	49.069	1.9	91	0.00
43	T	Isopropyl Acetate	50.000	40.795	18.4	74	0.00
44	TM	Trichloroethene	50.000	52.710	-5.4	100	0.00
45	C	1,2-Dichloropropane	50.000	50.636	-1.3#	93	0.00
46	T	Dibromomethane	50.000	48.382	3.2	89	0.00
47	T	Bromodichloromethane	50.000	50.919	-1.8	95	0.00
48	T	Methyl methacrylate	50.000	41.796	16.4	74	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	850.380	15.0	76	0.00
50	S	Toluene-d8	50.000	53.977	-8.0	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	200.500	19.8	73	0.00
52	CM	Toluene	50.000	52.843	-5.7#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	49.001	2.0	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.944	-1.9	94	0.00
55	T	1,1,2-Trichloroethane	50.000	47.896	4.2	88	0.00
56	T	Ethyl methacrylate	50.000	45.010	10.0	79	0.00
57	T	1,3-Dichloropropane	50.000	48.040	3.9	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	228.336	8.7	77	0.00
59	T	2-Hexanone	250.000	188.907	24.4	72	0.00
60	T	Dibromochloromethane	50.000	50.757	-1.5	92	0.00
61	T	1,2-Dibromoethane	50.000	47.410	5.2	87	0.00
62	S	4-Bromofluorobenzene	50.000	52.344	-4.7	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	54.322	-8.6	99	0.00
65	PM	Chlorobenzene	50.000	53.677	-7.4	98	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.454	-8.9	99	0.00
67	C	Ethyl Benzene	50.000	54.940	-9.9#	99	0.00
68	T	m/p-Xylenes	100.000	109.456	-9.5	98	0.00
69	T	o-Xylene	50.000	54.581	-9.2	96	0.00
70	T	Styrene	50.000	54.412	-8.8	96	0.00
71	P	Bromoform	50.000	49.146	1.7	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	54.776	-9.6	100	0.00
74	T	N-amyl acetate	50.000	40.277	19.4	70	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.226	11.5	80	0.00
76	T	1,2,3-Trichloropropane	50.000	41.360	17.3	80	0.00
77	T	Bromobenzene	50.000	52.587	-5.2	95	0.00
78	T	n-propylbenzene	50.000	54.432	-8.9	99	0.00
79	T	2-Chlorotoluene	50.000	54.086	-8.2	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.852	-9.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.998	8.0	83	0.00
82	T	4-Chlorotoluene	50.000	52.649	-5.3	96	0.00
83	T	tert-Butylbenzene	50.000	56.115	-12.2	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.572	-9.1	98	0.00
85	T	sec-Butylbenzene	50.000	55.399	-10.8	101	0.00
86	T	p-Isopropyltoluene	50.000	56.047	-12.1	101	0.00
87	T	1,3-Dichlorobenzene	50.000	53.768	-7.5	99	0.00
88	T	1,4-Dichlorobenzene	50.000	53.039	-6.1	97	0.00
89	T	n-Butylbenzene	50.000	54.985	-10.0	98	0.00
90	T	Hexachloroethane	50.000	53.990	-8.0	99	0.00
91	T	1,2-Dichlorobenzene	50.000	51.915	-3.8	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.483	19.0	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.249	-4.5	95	0.00
94	T	Hexachlorobutadiene	50.000	57.813	-15.6	107	0.00
95	T	Naphthalene	50.000	46.237	7.5	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.323	-0.6	95	0.00

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