Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
Data File : VY016429.D
Acq On : 20 Nov 2023 17:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 21 05:16:16 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	88	0.00
2	T	Dichlorodifluoromethane	50.000	44.324	11.4	83	0.00
3	P	Chloromethane	50.000	43.593	12.8	82	0.00
4	C	Vinyl Chloride	50.000	44.147	11.7#	82	0.00
5	T	Bromomethane	50.000	43.235	13.5	80	0.00
6	T	Chloroethane	50.000	45.531	8.9	84	0.00
7	T	Trichlorofluoromethane	50.000	50.542	-1.1	90	0.00
8	T	Diethyl Ether	50.000	49.955	0.1	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.633	0.7	91	0.00
10	T	Methyl Iodide	50.000	54.521	-9.0	94	0.00
11	T	Tert butyl alcohol	250.000	214.202	14.3	78	0.00
12	CM	1,1-Dichloroethene	50.000	50.466	-0.9#	91	0.00
13	T	Acrolein	250.000	205.270	17.9	71	0.00
14	T	Allyl chloride	50.000	48.452	3.1	85	0.00
15	T	Acrylonitrile	250.000	245.200	1.9	84	0.00
16	T	Acetone	250.000	260.902	-4.4	96	0.00
17	T	Carbon Disulfide	50.000	46.525	7.0	84	0.00
18	T	Methyl Acetate	50.000	60.865	-21.7	106	0.00
19	T	Methyl tert-butyl Ether	50.000	50.528	-1.1	88	0.01
20	T	Methylene Chloride	50.000	77.463	-54.9#	129	0.01
21	T	trans-1,2-Dichloroethene	50.000	50.910	-1.8	92	0.00
22	T	Diisopropyl ether	50.000	49.386	1.2	86	0.00
23	T	Vinyl Acetate	250.000	216.180	13.5	73	0.00
24	P	1,1-Dichloroethane	50.000	51.654	-3.3	92	0.00
25	T	2-Butanone	250.000	228.478	8.6	81	0.00
26	T	2,2-Dichloropropane	50.000	50.837	-1.7	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.483	-7.0	95	0.00
28	T	Bromochloromethane	50.000	50.703	-1.4	90	0.00
29	T	Tetrahydrofuran	250.000	224.897	10.0	76	0.00
30	C	Chloroform	50.000	53.962	-7.9#	97	0.00
31	T	Cyclohexane	50.000	44.677	10.6	83	0.00
32	T	1,1,1-Trichloroethane	50.000	53.518	-7.0	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.324	-2.6	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	55.601	-11.2	101	0.00
36	T	1,1-Dichloropropene	50.000	48.604	2.8	88	0.00
37	T	Ethyl Acetate	50.000	42.058	15.9	75	0.00
38	T	Carbon Tetrachloride	50.000	52.657	-5.3	95	0.00
39	T	Methylcyclohexane	50.000	47.371	5.3	85	0.00
40	TM	Benzene	50.000	51.039	-2.1	91	0.00
41	T	Methacrylonitrile	50.000	43.041	13.9	79	0.00
42	TM	1,2-Dichloroethane	50.000	50.850	-1.7	90	0.00
43	T	Isopropyl Acetate	50.000	42.628	14.7	74	0.00
44	TM	Trichloroethene	50.000	51.615	-3.2	94	0.00
45	C	1,2-Dichloropropane	50.000	50.257	-0.5#	89	0.00
46	T	Dibromomethane	50.000	50.488	-1.0	89	0.00
47	T	Bromodichloromethane	50.000	52.767	-5.5	94	0.00
48	T	Methyl methacrylate	50.000	45.840	8.3	78	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1002.596	-0.3	86	0.00
50	S	Toluene-d8	50.000	51.664	-3.3	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	222.273	11.1	77	0.00
52	CM	Toluene	50.000	51.615	-3.2#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	50.956	-1.9	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.141	-2.3	90	0.00
55	T	1,1,2-Trichloroethane	50.000	52.340	-4.7	92	0.00
56	T	Ethyl methacrylate	50.000	49.756	0.5	84	0.00
57	T	1,3-Dichloropropane	50.000	50.803	-1.6	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.630	3.7	78	0.00
59	T	2-Hexanone	250.000	206.302	17.5	76	0.00
60	T	Dibromochloromethane	50.000	53.422	-6.8	93	0.00
61	T	1,2-Dibromoethane	50.000	50.464	-0.9	88	0.00
62	S	4-Bromofluorobenzene	50.000	51.595	-3.2	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	52.628	-5.3	94	0.00
65	PM	Chlorobenzene	50.000	52.305	-4.6	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.049	-8.1	97	0.00
67	C	Ethyl Benzene	50.000	51.887	-3.8#	92	0.00
68	T	m/p-Xylenes	100.000	104.419	-4.4	93	0.00
69	T	o-Xylene	50.000	53.676	-7.4	93	0.00
70	T	Styrene	50.000	54.356	-8.7	95	0.00
71	P	Bromoform	50.000	53.568	-7.1	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	51.543	-3.1	93	0.00
74	T	N-amyl acetate	50.000	39.951	20.1	69	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.329	3.3	87	0.00
76	T	1,2,3-Trichloropropane	50.000	38.727	22.5	74	0.00
77	T	Bromobenzene	50.000	52.375	-4.8	94	0.00
78	T	n-propylbenzene	50.000	50.476	-1.0	91	0.00
79	T	2-Chlorotoluene	50.000	51.165	-2.3	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.087	-4.2	93	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.471	5.1	85	0.00
82	T	4-Chlorotoluene	50.000	50.796	-1.6	92	0.00
83	T	tert-Butylbenzene	50.000	51.884	-3.8	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.547	-3.1	92	0.00
85	T	sec-Butylbenzene	50.000	51.351	-2.7	93	0.00
86	T	p-Isopropyltoluene	50.000	51.625	-3.3	92	0.00
87	T	1,3-Dichlorobenzene	50.000	51.592	-3.2	94	0.00
88	T	1,4-Dichlorobenzene	50.000	51.452	-2.9	94	0.00
89	T	n-Butylbenzene	50.000	49.952	0.1	88	0.00
90	T	Hexachloroethane	50.000	51.723	-3.4	94	0.00
91	T	1,2-Dichlorobenzene	50.000	52.139	-4.3	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.429	11.1	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.273	-2.5	93	0.00
94	T	Hexachlorobutadiene	50.000	52.396	-4.8	96	0.00
95	T	Naphthalene	50.000	51.197	-2.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.636	-3.3	97	0.00

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