Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032323\
Data File : VY013055.D
Acq On : 23 Mar 2023 11:42
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 24 04:57:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 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	94	0.00
2	T	Dichlorodifluoromethane	50.000	50.983	-2.0	102	0.00
3	P	Chloromethane	50.000	40.868	18.3	84	0.00
4	C	Vinyl Chloride	50.000	46.818	6.4#	91	0.00
5	T	Bromomethane	50.000	47.657	4.7	93	0.00
6	T	Chloroethane	50.000	48.008	4.0	92	0.00
7	T	Trichlorofluoromethane	50.000	41.898	16.2	82	0.00
8	T	Diethyl Ether	50.000	46.151	7.7	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.258	-0.5	98	0.00
10	T	Methyl Iodide	50.000	50.393	-0.8	90	0.00
11	T	Tert butyl alcohol	250.000	190.290	23.9	75	0.00
12	CM	1,1-Dichloroethene	50.000	50.155	-0.3#	96	0.00
13	T	Acrolein	250.000	171.772	31.3#	66	0.00
14	T	Allyl chloride	50.000	49.141	1.7	93	0.00
15	T	Acrylonitrile	250.000	229.363	8.3	87	0.00
16	T	Acetone	250.000	226.355	9.5	80	0.00
17	T	Carbon Disulfide	50.000	47.592	4.8	91	0.00
18	T	Methyl Acetate	50.000	44.482	11.0	83	0.00
19	T	Methyl tert-butyl Ether	50.000	47.809	4.4	88	0.00
20	T	Methylene Chloride	50.000	53.128	-6.3	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.482	-1.0	96	0.00
22	T	Diisopropyl ether	50.000	50.972	-1.9	94	0.00
23	T	Vinyl Acetate	250.000	242.628	2.9	88	0.00
24	P	1,1-Dichloroethane	50.000	50.420	-0.8	96	0.00
25	T	2-Butanone	250.000	221.302	11.5	80	0.00
26	T	2,2-Dichloropropane	50.000	49.696	0.6	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.740	-1.5	94	0.00
28	T	Bromochloromethane	50.000	47.735	4.5	89	0.00
29	T	Tetrahydrofuran	250.000	219.679	12.1	80	0.00
30	C	Chloroform	50.000	51.102	-2.2#	96	0.00
31	T	Cyclohexane	50.000	47.250	5.5	92	0.00
32	T	1,1,1-Trichloroethane	50.000	51.176	-2.4	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.422	1.2	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	58.657	-17.3	108	0.00
36	T	1,1-Dichloropropene	50.000	51.903	-3.8	95	0.00
37	T	Ethyl Acetate	50.000	45.500	9.0	86	0.00
38	T	Carbon Tetrachloride	50.000	53.772	-7.5	98	0.00
39	T	Methylcyclohexane	50.000	52.541	-5.1	93	0.00
40	TM	Benzene	50.000	51.769	-3.5	94	0.00
41	T	Methacrylonitrile	50.000	49.781	0.4	90	0.01
42	TM	1,2-Dichloroethane	50.000	50.607	-1.2	92	0.00
43	T	Isopropyl Acetate	50.000	46.783	6.4	84	0.00
44	TM	Trichloroethene	50.000	52.184	-4.4	95	0.00
45	C	1,2-Dichloropropane	50.000	51.508	-3.0#	96	0.00
46	T	Dibromomethane	50.000	50.809	-1.6	92	0.00
47	T	Bromodichloromethane	50.000	51.635	-3.3	94	0.00
48	T	Methyl methacrylate	50.000	48.885	2.2	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	996.053	0.4	89	0.00
50	S	Toluene-d8	50.000	51.558	-3.1	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	233.403	6.6	81	0.00
52	CM	Toluene	50.000	53.663	-7.3#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	51.165	-2.3	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.516	-3.0	92	0.00
55	T	1,1,2-Trichloroethane	50.000	50.420	-0.8	92	0.00
56	T	Ethyl methacrylate	50.000	49.624	0.8	85	0.00
57	T	1,3-Dichloropropane	50.000	50.625	-1.3	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	237.196	5.1	82	0.00
59	T	2-Hexanone	250.000	235.878	5.6	80	0.00
60	T	Dibromochloromethane	50.000	51.344	-2.7	93	0.00
61	T	1,2-Dibromoethane	50.000	49.222	1.6	89	0.00
62	S	4-Bromofluorobenzene	50.000	57.712	-15.4	107	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	53.359	-6.7	97	0.00
65	PM	Chlorobenzene	50.000	52.106	-4.2	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.206	-4.4	95	0.00
67	C	Ethyl Benzene	50.000	53.880	-7.8#	96	0.00
68	T	m/p-Xylenes	100.000	108.211	-8.2	95	0.00
69	T	o-Xylene	50.000	54.910	-9.8	98	0.00
70	T	Styrene	50.000	54.635	-9.3	95	0.00
71	P	Bromoform	50.000	50.248	-0.5	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	51.830	-3.7	96	0.00
74	T	N-amyl acetate	50.000	45.319	9.4	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.681	6.6	89	0.00
76	T	1,2,3-Trichloropropane	50.000	46.784	6.4	89	0.00
77	T	Bromobenzene	50.000	49.969	0.1	95	0.00
78	T	n-propylbenzene	50.000	52.139	-4.3	96	0.00
79	T	2-Chlorotoluene	50.000	51.365	-2.7	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.004	-4.0	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.172	9.7	84	0.00
82	T	4-Chlorotoluene	50.000	51.572	-3.1	97	0.00
83	T	tert-Butylbenzene	50.000	52.018	-4.0	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.655	-5.3	97	0.00
85	T	sec-Butylbenzene	50.000	52.485	-5.0	98	0.00
86	T	p-Isopropyltoluene	50.000	52.781	-5.6	98	0.00
87	T	1,3-Dichlorobenzene	50.000	51.511	-3.0	98	0.00
88	T	1,4-Dichlorobenzene	50.000	49.746	0.5	95	0.00
89	T	n-Butylbenzene	50.000	52.693	-5.4	98	0.00
90	T	Hexachloroethane	50.000	48.256	3.5	93	0.00
91	T	1,2-Dichlorobenzene	50.000	50.590	-1.2	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	39.669	20.7	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	42.065	15.9	78	0.00
94	T	Hexachlorobutadiene	50.000	43.983	12.0	86	0.00
95	T	Naphthalene	50.000	41.745	16.5	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.262	13.5	81	0.00

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