Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
Data File : VD078936.D
Acq On : 15 May 2024 18:05
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 16 01:27:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
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	79	0.00
2	T	Dichlorodifluoromethane	50.000	46.018	8.0	86	0.00
3	P	Chloromethane	50.000	52.609	-5.2	89	0.00
4	C	Vinyl Chloride	50.000	58.285	-16.6#	103	0.00
5	T	Bromomethane	50.000	46.316	7.4	87	0.00
6	T	Chloroethane	50.000	48.275	3.5	90	0.00
7	T	Trichlorofluoromethane	50.000	41.727	16.5	74	0.00
8	T	Diethyl Ether	50.000	53.306	-6.6	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.900	2.2	89	-0.01
10	T	Methyl Iodide	50.000	50.518	-1.0	87	0.00
11	T	Tert butyl alcohol	250.000	250.207	-0.1	89	0.00
12	CM	1,1-Dichloroethene	50.000	47.957	4.1#	89	0.00
13	T	Acrolein	250.000	215.902	13.6	67	0.00
14	T	Allyl chloride	50.000	48.901	2.2	87	0.00
15	T	Acrylonitrile	250.000	265.623	-6.2	97	0.00
16	T	Acetone	250.000	254.420	-1.8	80	0.00
17	T	Carbon Disulfide	50.000	49.297	1.4	87	0.00
18	T	Methyl Acetate	50.000	52.689	-5.4	98	0.00
19	T	Methyl tert-butyl Ether	50.000	52.247	-4.5	90	0.00
20	T	Methylene Chloride	50.000	54.120	-8.2	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.549	-1.1	92	0.00
22	T	Diisopropyl ether	50.000	54.722	-9.4	92	0.00
23	T	Vinyl Acetate	250.000	270.665	-8.3	92	0.00
24	P	1,1-Dichloroethane	50.000	50.796	-1.6	92	0.00
25	T	2-Butanone	250.000	254.993	-2.0	85	0.00
26	T	2,2-Dichloropropane	50.000	48.560	2.9	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.322	1.4	88	0.00
28	T	Bromochloromethane	50.000	56.228	-12.5	95	0.00
29	T	Tetrahydrofuran	250.000	262.955	-5.2	93	0.00
30	C	Chloroform	50.000	51.176	-2.4#	94	0.00
31	T	Cyclohexane	50.000	48.165	3.7	90	0.00
32	T	1,1,1-Trichloroethane	50.000	49.452	1.1	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.916	-13.8	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	58.648	-17.3	100	0.00
36	T	1,1-Dichloropropene	50.000	50.707	-1.4	90	0.00
37	T	Ethyl Acetate	50.000	52.359	-4.7	95	0.00
38	T	Carbon Tetrachloride	50.000	50.743	-1.5	91	0.00
39	T	Methylcyclohexane	50.000	51.914	-3.8	91	0.00
40	TM	Benzene	50.000	51.476	-3.0	92	0.00
41	T	Methacrylonitrile	50.000	48.159	3.7	93	0.00
42	TM	1,2-Dichloroethane	50.000	51.075	-2.2	93	0.00
43	T	Isopropyl Acetate	50.000	53.771	-7.5	91	0.00
44	TM	Trichloroethene	50.000	50.151	-0.3	92	0.00
45	C	1,2-Dichloropropane	50.000	52.762	-5.5#	94	0.00
46	T	Dibromomethane	50.000	51.493	-3.0	95	0.00
47	T	Bromodichloromethane	50.000	53.453	-6.9	96	0.00
48	T	Methyl methacrylate	50.000	52.234	-4.5	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1078.824	-7.9	85	-0.01
50	S	Toluene-d8	50.000	60.862	-21.7	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.696	-7.9	92	0.00
52	CM	Toluene	50.000	53.774	-7.5#	95	0.00
53	T	t-1,3-Dichloropropene	50.000	53.212	-6.4	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.163	-6.3	91	0.00
55	T	1,1,2-Trichloroethane	50.000	52.577	-5.2	94	0.00
56	T	Ethyl methacrylate	50.000	55.677	-11.4	91	0.00
57	T	1,3-Dichloropropane	50.000	54.350	-8.7	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	305.005	-22.0	95	0.00
59	T	2-Hexanone	250.000	284.809	-13.9	88	0.00
60	T	Dibromochloromethane	50.000	54.004	-8.0	94	0.00
61	T	1,2-Dibromoethane	50.000	54.784	-9.6	94	0.00
62	S	4-Bromofluorobenzene	50.000	63.400	-26.8#	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	50.880	-1.8	94	0.00
65	PM	Chlorobenzene	50.000	52.101	-4.2	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.256	-6.5	98	0.00
67	C	Ethyl Benzene	50.000	52.689	-5.4#	93	0.00
68	T	m/p-Xylenes	100.000	109.114	-9.1	94	0.00
69	T	o-Xylene	50.000	54.424	-8.8	92	0.00
70	T	Styrene	50.000	54.991	-10.0	93	0.00
71	P	Bromoform	50.000	52.540	-5.1	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	52.485	-5.0	93	0.00
74	T	N-amyl acetate	50.000	52.489	-5.0	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.747	-5.5	98	0.00
76	T	1,2,3-Trichloropropane	50.000	51.863	-3.7	80	0.00
77	T	Bromobenzene	50.000	51.969	-3.9	96	0.00
78	T	n-propylbenzene	50.000	53.437	-6.9	95	0.00
79	T	2-Chlorotoluene	50.000	52.603	-5.2	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.357	-8.7	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.007	-14.0	102	0.00
82	T	4-Chlorotoluene	50.000	53.637	-7.3	95	0.00
83	T	tert-Butylbenzene	50.000	54.525	-9.0	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.788	-7.6	96	0.00
85	T	sec-Butylbenzene	50.000	53.428	-6.9	95	0.00
86	T	p-Isopropyltoluene	50.000	53.908	-7.8	97	0.00
87	T	1,3-Dichlorobenzene	50.000	51.935	-3.9	97	0.00
88	T	1,4-Dichlorobenzene	50.000	51.411	-2.8	95	0.00
89	T	n-Butylbenzene	50.000	53.832	-7.7	97	0.00
90	T	Hexachloroethane	50.000	52.313	-4.6	98	0.00
91	T	1,2-Dichlorobenzene	50.000	51.303	-2.6	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	56.807	-13.6	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.200	-4.4	95	0.00
94	T	Hexachlorobutadiene	50.000	49.994	0.0	97	0.00
95	T	Naphthalene	50.000	56.003	-12.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.490	-7.0	101	0.00

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