Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
Data File : VD079356.D
Acq On : 08 Jul 2024 22:15
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 09 05:01:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 17:06:59 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	47.589	4.8	93	0.00
3	P	Chloromethane	50.000	46.624	6.8	89	0.00
4	C	Vinyl Chloride	50.000	45.167	9.7#	83	0.00
5	T	Bromomethane	50.000	59.752	-19.5	105	0.02
6	T	Chloroethane	50.000	63.808	-27.6#	118	0.00
7	T	Trichlorofluoromethane	50.000	50.083	-0.2	95	0.00
8	T	Diethyl Ether	50.000	49.975	0.0	93	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.625	-1.3	95	0.00
10	T	Methyl Iodide	50.000	54.143	-8.3	93	0.00
11	T	Tert butyl alcohol	250.000	218.860	12.5	90	0.00
12	CM	1,1-Dichloroethene	50.000	49.574	0.9#	92	0.00
13	T	Acrolein	250.000	175.788	29.7#	74	0.00
14	T	Allyl chloride	50.000	48.707	2.6	89	0.00
15	T	Acrylonitrile	250.000	261.335	-4.5	94	0.00
16	T	Acetone	250.000	234.818	6.1	85	0.00
17	T	Carbon Disulfide	50.000	49.794	0.4	92	0.00
18	T	Methyl Acetate	50.000	50.673	-1.3	97	0.00
19	T	Methyl tert-butyl Ether	50.000	52.711	-5.4	93	0.00
20	T	Methylene Chloride	50.000	59.704	-19.4	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.787	-3.6	95	0.00
22	T	Diisopropyl ether	50.000	53.514	-7.0	92	0.00
23	T	Vinyl Acetate	250.000	265.654	-6.3	91	0.00
24	P	1,1-Dichloroethane	50.000	51.414	-2.8	94	0.00
25	T	2-Butanone	250.000	249.828	0.1	91	0.00
26	T	2,2-Dichloropropane	50.000	46.192	7.6	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.038	-4.1	94	0.00
28	T	Bromochloromethane	50.000	54.543	-9.1	101	0.00
29	T	Tetrahydrofuran	250.000	264.824	-5.9	94	0.00
30	C	Chloroform	50.000	51.968	-3.9#	94	0.00
31	T	Cyclohexane	50.000	49.210	1.6	95	0.00
32	T	1,1,1-Trichloroethane	50.000	51.216	-2.4	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.853	-1.7	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	51.652	-3.3	97	0.00
36	T	1,1-Dichloropropene	50.000	52.185	-4.4	95	0.00
37	T	Ethyl Acetate	50.000	49.508	1.0	88	0.00
38	T	Carbon Tetrachloride	50.000	50.917	-1.8	94	0.00
39	T	Methylcyclohexane	50.000	54.396	-8.8	97	0.00
40	TM	Benzene	50.000	52.577	-5.2	95	0.00
41	T	Methacrylonitrile	50.000	43.023	14.0	79	0.00
42	TM	1,2-Dichloroethane	50.000	51.087	-2.2	93	0.00
43	T	Isopropyl Acetate	50.000	51.799	-3.6	92	0.00
44	TM	Trichloroethene	50.000	50.277	-0.6	93	0.00
45	C	1,2-Dichloropropane	50.000	53.361	-6.7#	95	0.00
46	T	Dibromomethane	50.000	53.935	-7.9	97	0.00
47	T	Bromodichloromethane	50.000	51.819	-3.6	93	0.00
48	T	Methyl methacrylate	50.000	50.151	-0.3	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1053.772	-5.4	93	0.00
50	S	Toluene-d8	50.000	52.821	-5.6	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.703	-7.5	93	0.00
52	CM	Toluene	50.000	54.656	-9.3#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	52.401	-4.8	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.050	-6.1	95	0.00
55	T	1,1,2-Trichloroethane	50.000	54.447	-8.9	97	0.00
56	T	Ethyl methacrylate	50.000	48.747	2.5	93	0.00
57	T	1,3-Dichloropropane	50.000	52.915	-5.8	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	248.874	0.5	89	0.00
59	T	2-Hexanone	250.000	262.785	-5.1	90	0.00
60	T	Dibromochloromethane	50.000	52.745	-5.5	97	0.00
61	T	1,2-Dibromoethane	50.000	53.470	-6.9	96	0.00
62	S	4-Bromofluorobenzene	50.000	54.480	-9.0	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	55.506	-11.0	103	0.00
65	PM	Chlorobenzene	50.000	51.940	-3.9	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.730	-7.5	97	0.00
67	C	Ethyl Benzene	50.000	53.993	-8.0#	95	0.00
68	T	m/p-Xylenes	100.000	110.794	-10.8	95	0.00
69	T	o-Xylene	50.000	53.703	-7.4	94	0.00
70	T	Styrene	50.000	55.843	-11.7	96	0.00
71	P	Bromoform	50.000	52.877	-5.8	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	53.301	-6.6	95	0.00
74	T	N-amyl acetate	50.000	51.992	-4.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.048	-8.1	100	0.00
76	T	1,2,3-Trichloropropane	50.000	54.600	-9.2	92	0.00
77	T	Bromobenzene	50.000	53.491	-7.0	98	0.00
78	T	n-propylbenzene	50.000	54.350	-8.7	97	0.00
79	T	2-Chlorotoluene	50.000	54.175	-8.3	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.507	-9.0	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.863	0.3	89	0.00
82	T	4-Chlorotoluene	50.000	53.668	-7.3	96	0.00
83	T	tert-Butylbenzene	50.000	53.466	-6.9	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.624	-11.2	98	0.00
85	T	sec-Butylbenzene	50.000	54.273	-8.5	97	0.00
86	T	p-Isopropyltoluene	50.000	54.307	-8.6	96	0.00
87	T	1,3-Dichlorobenzene	50.000	51.879	-3.8	95	0.00
88	T	1,4-Dichlorobenzene	50.000	51.201	-2.4	96	0.00
89	T	n-Butylbenzene	50.000	53.641	-7.3	96	0.00
90	T	Hexachloroethane	50.000	52.460	-4.9	99	0.00
91	T	1,2-Dichlorobenzene	50.000	51.516	-3.0	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.697	-3.4	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.949	0.1	93	0.00
94	T	Hexachlorobutadiene	50.000	52.166	-4.3	102	0.00
95	T	Naphthalene	50.000	53.756	-7.5	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.762	-3.5	96	0.00

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