Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
Data File : VD078704.D
Acq On : 18 Mar 2024 18:33
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: Mar 19 01:29:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	45.115	9.8	79	0.00
3	P	Chloromethane	50.000	46.548	6.9	81	0.00
4	C	Vinyl Chloride	50.000	47.778	4.4#	82	0.00
5	T	Bromomethane	50.000	43.563	12.9	81	0.00
6	T	Chloroethane	50.000	48.237	3.5	85	0.00
7	T	Trichlorofluoromethane	50.000	44.944	10.1	79	0.00
8	T	Diethyl Ether	50.000	44.264	11.5	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.362	7.3	82	-0.01
10	T	Methyl Iodide	50.000	46.152	7.7	77	0.00
11	T	Tert butyl alcohol	250.000	258.137	-3.3	84	0.00
12	CM	1,1-Dichloroethene	50.000	45.719	8.6#	78	0.00
13	T	Acrolein	250.000	244.444	2.2	98	0.00
14	T	Allyl chloride	50.000	46.640	6.7	82	0.00
15	T	Acrylonitrile	250.000	256.863	-2.7	85	0.00
16	T	Acetone	250.000	233.096	6.8	77	0.00
17	T	Carbon Disulfide	50.000	45.166	9.7	78	0.00
18	T	Methyl Acetate	50.000	60.319	-20.6	96	0.00
19	T	Methyl tert-butyl Ether	50.000	48.237	3.5	81	0.00
20	T	Methylene Chloride	50.000	52.259	-4.5	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.200	5.6	81	0.00
22	T	Diisopropyl ether	50.000	48.759	2.5	82	0.00
23	T	Vinyl Acetate	250.000	245.598	1.8	80	0.00
24	P	1,1-Dichloroethane	50.000	47.286	5.4	83	0.00
25	T	2-Butanone	250.000	241.350	3.5	83	0.00
26	T	2,2-Dichloropropane	50.000	44.857	10.3	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.405	7.2	81	0.00
28	T	Bromochloromethane	50.000	50.786	-1.6	75	0.00
29	T	Tetrahydrofuran	250.000	259.440	-3.8	84	0.00
30	C	Chloroform	50.000	47.391	5.2#	84	0.00
31	T	Cyclohexane	50.000	46.084	7.8	83	0.00
32	T	1,1,1-Trichloroethane	50.000	46.862	6.3	83	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.023	-8.0	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	52.835	-5.7	91	0.00
36	T	1,1-Dichloropropene	50.000	49.182	1.6	83	0.00
37	T	Ethyl Acetate	50.000	51.245	-2.5	88	0.00
38	T	Carbon Tetrachloride	50.000	47.754	4.5	83	0.00
39	T	Methylcyclohexane	50.000	47.764	4.5	79	0.00
40	TM	Benzene	50.000	48.856	2.3	84	0.00
41	T	Methacrylonitrile	50.000	53.170	-6.3	93	0.00
42	TM	1,2-Dichloroethane	50.000	50.969	-1.9	86	0.00
43	T	Isopropyl Acetate	50.000	49.670	0.7	81	0.00
44	TM	Trichloroethene	50.000	46.019	8.0	80	0.00
45	C	1,2-Dichloropropane	50.000	49.859	0.3#	85	0.00
46	T	Dibromomethane	50.000	48.746	2.5	84	0.00
47	T	Bromodichloromethane	50.000	49.609	0.8	87	0.00
48	T	Methyl methacrylate	50.000	53.562	-7.1	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1073.359	-7.3	89	0.00
50	S	Toluene-d8	50.000	54.342	-8.7	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.403	-6.6	86	0.00
52	CM	Toluene	50.000	49.118	1.8#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	50.161	-0.3	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.040	1.9	83	0.00
55	T	1,1,2-Trichloroethane	50.000	50.825	-1.7	88	0.00
56	T	Ethyl methacrylate	50.000	51.321	-2.6	82	0.00
57	T	1,3-Dichloropropane	50.000	49.366	1.3	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	286.540	-14.6	90	0.00
59	T	2-Hexanone	250.000	255.707	-2.3	82	0.00
60	T	Dibromochloromethane	50.000	50.822	-1.6	86	0.00
61	T	1,2-Dibromoethane	50.000	49.041	1.9	82	0.00
62	S	4-Bromofluorobenzene	50.000	53.909	-7.8	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	48.722	2.6	83	0.00
65	PM	Chlorobenzene	50.000	47.975	4.0	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.510	5.0	82	0.00
67	C	Ethyl Benzene	50.000	48.263	3.5#	81	0.00
68	T	m/p-Xylenes	100.000	98.489	1.5	83	0.00
69	T	o-Xylene	50.000	47.658	4.7	80	0.00
70	T	Styrene	50.000	50.263	-0.5	83	0.00
71	P	Bromoform	50.000	49.827	0.3	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	47.573	4.9	82	0.00
74	T	N-amyl acetate	50.000	49.154	1.7	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.449	1.1	86	0.00
76	T	1,2,3-Trichloropropane	50.000	47.734	4.5	85	0.00
77	T	Bromobenzene	50.000	47.973	4.1	84	0.00
78	T	n-propylbenzene	50.000	48.623	2.8	83	0.00
79	T	2-Chlorotoluene	50.000	46.818	6.4	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.119	3.8	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.521	3.0	83	0.00
82	T	4-Chlorotoluene	50.000	46.985	6.0	83	0.00
83	T	tert-Butylbenzene	50.000	48.230	3.5	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.054	3.9	81	0.00
85	T	sec-Butylbenzene	50.000	48.978	2.0	83	0.00
86	T	p-Isopropyltoluene	50.000	49.191	1.6	83	0.00
87	T	1,3-Dichlorobenzene	50.000	47.357	5.3	83	0.00
88	T	1,4-Dichlorobenzene	50.000	46.828	6.3	83	0.00
89	T	n-Butylbenzene	50.000	48.166	3.7	82	0.00
90	T	Hexachloroethane	50.000	46.757	6.5	83	0.00
91	T	1,2-Dichlorobenzene	50.000	47.147	5.7	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.435	7.1	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.956	10.1	81	0.00
94	T	Hexachlorobutadiene	50.000	45.364	9.3	83	0.00
95	T	Naphthalene	50.000	48.039	3.9	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.884	8.2	78	0.00

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