Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
Data File : VD079371.D
Acq On : 09 Jul 2024 19:46
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 10 03:08:56 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	53.773	-7.5	126	0.00
3	P	Chloromethane	50.000	52.452	-4.9	120	0.00
4	C	Vinyl Chloride	50.000	47.944	4.1#	106	0.00
5	T	Bromomethane	50.000	70.557	-41.1#	148	0.02
6	T	Chloroethane	50.000	75.034	-50.1#	166	0.00
7	T	Trichlorofluoromethane	50.000	53.982	-8.0	123	0.00
8	T	Diethyl Ether	50.000	59.788	-19.6	133	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.164	-10.3	124	0.00
10	T	Methyl Iodide	50.000	68.345	-36.7#	140	0.00
11	T	Tert butyl alcohol	250.000	271.150	-8.5	134	0.00
12	CM	1,1-Dichloroethene	50.000	55.500	-11.0#	123	0.00
13	T	Acrolein	250.000	181.102	27.6#	91	0.00
14	T	Allyl chloride	50.000	54.962	-9.9	121	0.00
15	T	Acrylonitrile	250.000	282.145	-12.9	121	0.00
16	T	Acetone	250.000	217.727	12.9	94	0.00
17	T	Carbon Disulfide	50.000	53.807	-7.6	119	0.00
18	T	Methyl Acetate	50.000	57.075	-14.2	131	0.00
19	T	Methyl tert-butyl Ether	50.000	59.821	-19.6	127	0.00
20	T	Methylene Chloride	50.000	52.073	-4.1	114	0.00
21	T	trans-1,2-Dichloroethene	50.000	58.370	-16.7	128	0.00
22	T	Diisopropyl ether	50.000	59.492	-19.0	123	0.00
23	T	Vinyl Acetate	250.000	290.644	-16.3	119	0.00
24	P	1,1-Dichloroethane	50.000	57.804	-15.6	127	0.00
25	T	2-Butanone	250.000	261.511	-4.6	114	0.00
26	T	2,2-Dichloropropane	50.000	45.424	9.2	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	57.716	-15.4	124	0.00
28	T	Bromochloromethane	50.000	45.508	9.0	101	0.00
29	T	Tetrahydrofuran	250.000	296.303	-18.5	125	0.00
30	C	Chloroform	50.000	58.717	-17.4#	128	0.00
31	T	Cyclohexane	50.000	53.032	-6.1	122	0.00
32	T	1,1,1-Trichloroethane	50.000	55.816	-11.6	126	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.791	-3.6	117	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35	S	Dibromofluoromethane	50.000	51.073	-2.1	117	0.00
36	T	1,1-Dichloropropene	50.000	55.258	-10.5	122	0.00
37	T	Ethyl Acetate	50.000	57.363	-14.7	124	0.00
38	T	Carbon Tetrachloride	50.000	55.182	-10.4	124	0.00
39	T	Methylcyclohexane	50.000	57.078	-14.2	124	0.00
40	TM	Benzene	50.000	57.981	-16.0	127	0.00
41	T	Methacrylonitrile	50.000	54.143	-8.3	123	0.00
42	TM	1,2-Dichloroethane	50.000	59.093	-18.2	131	0.00
43	T	Isopropyl Acetate	50.000	57.668	-15.3	125	0.00
44	TM	Trichloroethene	50.000	55.855	-11.7	126	0.00
45	C	1,2-Dichloropropane	50.000	57.935	-15.9#	125	0.00
46	T	Dibromomethane	50.000	57.382	-14.8	126	0.00
47	T	Bromodichloromethane	50.000	56.937	-13.9	124	0.00
48	T	Methyl methacrylate	50.000	54.873	-9.7	125	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1185.446	-18.5	127	0.00
50	S	Toluene-d8	50.000	52.198	-4.4	114	0.00
51	T	4-Methyl-2-Pentanone	250.000	293.934	-17.6	124	0.00
52	CM	Toluene	50.000	58.764	-17.5#	126	0.00
53	T	t-1,3-Dichloropropene	50.000	54.624	-9.2	118	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.850	-9.7	119	0.00
55	T	1,1,2-Trichloroethane	50.000	57.275	-14.5	124	0.00
56	T	Ethyl methacrylate	50.000	53.351	-6.7	124	0.00
57	T	1,3-Dichloropropane	50.000	57.294	-14.6	124	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.492	-1.8	110	0.00
59	T	2-Hexanone	250.000	281.736	-12.7	117	0.00
60	T	Dibromochloromethane	50.000	55.890	-11.8	125	0.00
61	T	1,2-Dibromoethane	50.000	56.965	-13.9	125	0.00
62	S	4-Bromofluorobenzene	50.000	51.374	-2.7	113	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	61.112	-22.2	135	0.00
65	PM	Chlorobenzene	50.000	57.964	-15.9	127	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.456	-14.9	123	0.00
67	C	Ethyl Benzene	50.000	59.467	-18.9#	124	0.00
68	T	m/p-Xylenes	100.000	119.939	-19.9	123	0.00
69	T	o-Xylene	50.000	60.392	-20.8	126	0.00
70	T	Styrene	50.000	60.855	-21.7	124	0.00
71	P	Bromoform	50.000	55.937	-11.9	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	60.253	-20.5	123	0.00
74	T	N-amyl acetate	50.000	59.535	-19.1	119	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	57.613	-15.2	122	0.00
76	T	1,2,3-Trichloropropane	50.000	61.793	-23.6	119	0.00
77	T	Bromobenzene	50.000	60.681	-21.4	126	0.00
78	T	n-propylbenzene	50.000	59.796	-19.6	121	0.00
79	T	2-Chlorotoluene	50.000	60.273	-20.5	122	0.00
80	T	1,3,5-Trimethylbenzene	50.000	60.528	-21.1	122	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.387	3.2	98	0.00
82	T	4-Chlorotoluene	50.000	58.839	-17.7	119	0.00
83	T	tert-Butylbenzene	50.000	61.002	-22.0	125	0.00
84	T	1,2,4-Trimethylbenzene	50.000	61.246	-22.5	123	0.00
85	T	sec-Butylbenzene	50.000	60.844	-21.7	124	0.00
86	T	p-Isopropyltoluene	50.000	60.775	-21.5	122	0.00
87	T	1,3-Dichlorobenzene	50.000	59.073	-18.1	123	0.00
88	T	1,4-Dichlorobenzene	50.000	56.452	-12.9	121	0.00
89	T	n-Butylbenzene	50.000	58.526	-17.1	119	0.00
90	T	Hexachloroethane	50.000	55.511	-11.0	119	0.00
91	T	1,2-Dichlorobenzene	50.000	58.694	-17.4	122	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.007	-14.0	123	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.768	-13.5	121	0.00
94	T	Hexachlorobutadiene	50.000	58.927	-17.9	131	0.00
95	T	Naphthalene	50.000	62.357	-24.7	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	59.689	-19.4	126	0.00

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