Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
Data File : VD077143.D
Acq On : 19 Sep 2023 10:33
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 20 04:58:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 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	118	0.00
2	T	Dichlorodifluoromethane	50.000	46.652	6.7	123	0.00
3	P	Chloromethane	50.000	45.107	9.8	125	0.00
4	C	Vinyl Chloride	50.000	52.666	-5.3#	136	0.00
5	T	Bromomethane	50.000	52.831	-5.7	154	0.00
6	T	Chloroethane	50.000	50.498	-1.0	142	0.00
7	T	Trichlorofluoromethane	50.000	56.031	-12.1	155	0.00
8	T	Diethyl Ether	50.000	44.573	10.9	118	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.356	1.3	120	0.00
10	T	Methyl Iodide	50.000	46.925	6.2	113	0.00
11	T	Tert butyl alcohol	250.000	234.115	6.4	123	0.00
12	CM	1,1-Dichloroethene	50.000	48.074	3.9#	121	0.00
13	T	Acrolein	250.000	235.399	5.8	122	0.00
14	T	Allyl chloride	50.000	47.268	5.5	113	0.00
15	T	Acrylonitrile	250.000	218.237	12.7	111	0.00
16	T	Acetone	250.000	250.624	-0.2	116	0.00
17	T	Carbon Disulfide	50.000	45.456	9.1	115	0.00
18	T	Methyl Acetate	50.000	44.231	11.5	113	0.00
19	T	Methyl tert-butyl Ether	50.000	47.389	5.2	118	0.00
20	T	Methylene Chloride	50.000	48.798	2.4	122	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.905	6.2	116	0.00
22	T	Diisopropyl ether	50.000	46.591	6.8	113	0.00
23	T	Vinyl Acetate	250.000	233.380	6.6	115	0.00
24	P	1,1-Dichloroethane	50.000	45.880	8.2	118	0.00
25	T	2-Butanone	250.000	237.919	4.8	117	0.00
26	T	2,2-Dichloropropane	50.000	50.589	-1.2	128	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.702	6.6	117	0.00
28	T	Bromochloromethane	50.000	42.022	16.0	103	0.00
29	T	Tetrahydrofuran	250.000	220.605	11.8	111	0.00
30	C	Chloroform	50.000	46.174	7.7#	116	0.00
31	T	Cyclohexane	50.000	46.592	6.8	115	0.00
32	T	1,1,1-Trichloroethane	50.000	49.653	0.7	123	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.648	10.7	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35	S	Dibromofluoromethane	50.000	45.210	9.6	101	0.00
36	T	1,1-Dichloropropene	50.000	50.684	-1.4	120	0.00
37	T	Ethyl Acetate	50.000	45.534	8.9	114	0.00
38	T	Carbon Tetrachloride	50.000	52.763	-5.5	123	0.00
39	T	Methylcyclohexane	50.000	51.061	-2.1	114	0.00
40	TM	Benzene	50.000	48.504	3.0	116	0.00
41	T	Methacrylonitrile	50.000	43.431	13.1	108	0.00
42	TM	1,2-Dichloroethane	50.000	48.623	2.8	118	0.00
43	T	Isopropyl Acetate	50.000	47.153	5.7	116	0.00
44	TM	Trichloroethene	50.000	48.263	3.5	118	0.00
45	C	1,2-Dichloropropane	50.000	46.741	6.5#	113	0.00
46	T	Dibromomethane	50.000	47.366	5.3	116	0.00
47	T	Bromodichloromethane	50.000	48.416	3.2	118	0.00
48	T	Methyl methacrylate	50.000	47.920	4.2	113	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1002.310	-0.2	120	0.00
50	S	Toluene-d8	50.000	46.595	6.8	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	231.711	7.3	114	0.00
52	CM	Toluene	50.000	49.380	1.2#	117	0.00
53	T	t-1,3-Dichloropropene	50.000	47.829	4.3	115	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.102	-6.2	127	0.00
55	T	1,1,2-Trichloroethane	50.000	45.728	8.5	111	0.00
56	T	Ethyl methacrylate	50.000	48.580	2.8	113	0.00
57	T	1,3-Dichloropropane	50.000	47.340	5.3	114	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	196.391	21.4	86	0.00
59	T	2-Hexanone	250.000	238.327	4.7	116	0.00
60	T	Dibromochloromethane	50.000	47.562	4.9	114	0.00
61	T	1,2-Dibromoethane	50.000	46.486	7.0	116	0.00
62	S	4-Bromofluorobenzene	50.000	46.041	7.9	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64	T	Tetrachloroethene	50.000	51.330	-2.7	118	0.00
65	PM	Chlorobenzene	50.000	49.503	1.0	117	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.095	-0.2	118	0.00
67	C	Ethyl Benzene	50.000	51.121	-2.2#	116	0.00
68	T	m/p-Xylenes	100.000	102.237	-2.2	114	0.00
69	T	o-Xylene	50.000	50.559	-1.1	114	0.00
70	T	Styrene	50.000	52.085	-4.2	115	0.00
71	P	Bromoform	50.000	48.573	2.9	115	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	52.928	-5.9	115	0.00
74	T	N-amyl acetate	50.000	47.885	4.2	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.453	5.1	113	0.00
76	T	1,2,3-Trichloropropane	50.000	56.998	-14.0	136	0.00
77	T	Bromobenzene	50.000	50.922	-1.8	114	0.00
78	T	n-propylbenzene	50.000	52.704	-5.4	115	0.00
79	T	2-Chlorotoluene	50.000	51.903	-3.8	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.696	-5.4	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.451	-2.9	119	0.00
82	T	4-Chlorotoluene	50.000	51.613	-3.2	111	0.00
83	T	tert-Butylbenzene	50.000	52.517	-5.0	112	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.114	-4.2	113	0.00
85	T	sec-Butylbenzene	50.000	51.733	-3.5	110	0.00
86	T	p-Isopropyltoluene	50.000	52.509	-5.0	112	0.00
87	T	1,3-Dichlorobenzene	50.000	48.646	2.7	109	0.00
88	T	1,4-Dichlorobenzene	50.000	48.825	2.3	111	0.00
89	T	n-Butylbenzene	50.000	51.215	-2.4	110	0.00
90	T	Hexachloroethane	50.000	48.660	2.7	111	0.00
91	T	1,2-Dichlorobenzene	50.000	48.763	2.5	111	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.930	-1.9	117	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.228	3.5	107	0.00
94	T	Hexachlorobutadiene	50.000	45.082	9.8	100	0.00
95	T	Naphthalene	50.000	48.698	2.6	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.595	4.8	104	0.00

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