Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
Data File : VD076573.D
Acq On : 23 Jun 2023 22:33
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 24 01:03:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 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	75	0.00
2	T	Dichlorodifluoromethane	50.000	49.250	1.5	82	0.00
3	P	Chloromethane	50.000	45.324	9.4	72	0.00
4	C	Vinyl Chloride	50.000	46.610	6.8#	73	0.00
5	T	Bromomethane	50.000	42.705	14.6	71	0.00
6	T	Chloroethane	50.000	48.773	2.5	77	0.00
7	T	Trichlorofluoromethane	50.000	55.726	-11.5	94	0.00
8	T	Diethyl Ether	50.000	50.427	-0.9	75	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.663	-3.3	85	0.00
10	T	Methyl Iodide	50.000	54.248	-8.5	79	0.00
11	T	Tert butyl alcohol	250.000	236.077	5.6	75	0.00
12	CM	1,1-Dichloroethene	50.000	50.017	-0.0#	79	0.00
13	T	Acrolein	250.000	187.961	24.8	59	0.00
14	T	Allyl chloride	50.000	46.110	7.8	71	0.00
15	T	Acrylonitrile	250.000	256.028	-2.4	74	0.00
16	T	Acetone	250.000	222.752	10.9	62	0.00
17	T	Carbon Disulfide	50.000	44.866	10.3	70	0.00
18	T	Methyl Acetate	50.000	49.215	1.6	72	0.00
19	T	Methyl tert-butyl Ether	50.000	52.904	-5.8	77	0.00
20	T	Methylene Chloride	50.000	52.298	-4.6	73	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.471	-0.9	77	0.00
22	T	Diisopropyl ether	50.000	48.569	2.9	71	0.00
23	T	Vinyl Acetate	250.000	243.239	2.7	69	0.00
24	P	1,1-Dichloroethane	50.000	51.924	-3.8	78	0.00
25	T	2-Butanone	250.000	233.188	6.7	67	0.00
26	T	2,2-Dichloropropane	50.000	45.363	9.3	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.523	-3.0	76	0.00
28	T	Bromochloromethane	50.000	47.942	4.1	70	0.00
29	T	Tetrahydrofuran	250.000	245.305	1.9	71	0.00
30	C	Chloroform	50.000	53.973	-7.9#	81	0.00
31	T	Cyclohexane	50.000	46.294	7.4	74	0.00
32	T	1,1,1-Trichloroethane	50.000	55.656	-11.3	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.170	-4.3	78	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35	S	Dibromofluoromethane	50.000	53.357	-6.7	79	0.00
36	T	1,1-Dichloropropene	50.000	50.273	-0.5	79	0.00
37	T	Ethyl Acetate	50.000	49.248	1.5	74	0.00
38	T	Carbon Tetrachloride	50.000	57.183	-14.4	88	0.00
39	T	Methylcyclohexane	50.000	48.004	4.0	77	0.00
40	TM	Benzene	50.000	50.201	-0.4	75	0.00
41	T	Methacrylonitrile	50.000	50.219	-0.4	71	0.00
42	TM	1,2-Dichloroethane	50.000	57.604	-15.2	82	0.00
43	T	Isopropyl Acetate	50.000	49.188	1.6	72	0.00
44	TM	Trichloroethene	50.000	50.912	-1.8	78	0.00
45	C	1,2-Dichloropropane	50.000	50.814	-1.6#	75	0.00
46	T	Dibromomethane	50.000	52.913	-5.8	76	0.00
47	T	Bromodichloromethane	50.000	55.586	-11.2	82	0.00
48	T	Methyl methacrylate	50.000	48.874	2.3	69	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1170.415	-17.0	87	0.00
50	S	Toluene-d8	50.000	48.761	2.5	72	0.00
51	T	4-Methyl-2-Pentanone	250.000	260.668	-4.3	74	0.00
52	CM	Toluene	50.000	52.805	-5.6#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	52.408	-4.8	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.264	-0.5	74	0.00
55	T	1,1,2-Trichloroethane	50.000	51.450	-2.9	76	0.00
56	T	Ethyl methacrylate	50.000	53.467	-6.9	76	0.00
57	T	1,3-Dichloropropane	50.000	52.590	-5.2	77	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.959	3.2	73	0.00
59	T	2-Hexanone	250.000	246.235	1.5	69	0.00
60	T	Dibromochloromethane	50.000	57.631	-15.3	83	0.00
61	T	1,2-Dibromoethane	50.000	52.589	-5.2	77	0.00
62	S	4-Bromofluorobenzene	50.000	52.165	-4.3	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	76	0.00
64	T	Tetrachloroethene	50.000	51.621	-3.2	82	0.00
65	PM	Chlorobenzene	50.000	51.513	-3.0	78	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.955	-9.9	83	0.00
67	C	Ethyl Benzene	50.000	51.714	-3.4#	81	0.00
68	T	m/p-Xylenes	100.000	100.781	-0.8	79	0.00
69	T	o-Xylene	50.000	51.231	-2.5	79	0.00
70	T	Styrene	50.000	51.354	-2.7	80	0.00
71	P	Bromoform	50.000	56.033	-12.1	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	50.022	-0.0	82	0.00
74	T	N-amyl acetate	50.000	44.866	10.3	69	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.243	-2.5	78	0.00
76	T	1,2,3-Trichloropropane	50.000	49.212	1.6	82	0.00
77	T	Bromobenzene	50.000	49.538	0.9	80	0.00
78	T	n-propylbenzene	50.000	49.010	2.0	81	0.00
79	T	2-Chlorotoluene	50.000	49.796	0.4	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.311	-0.6	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.462	15.1	64	0.00
82	T	4-Chlorotoluene	50.000	50.712	-1.4	82	0.00
83	T	tert-Butylbenzene	50.000	50.637	-1.3	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.598	-3.2	83	0.00
85	T	sec-Butylbenzene	50.000	50.315	-0.6	83	0.00
86	T	p-Isopropyltoluene	50.000	49.347	1.3	81	0.00
87	T	1,3-Dichlorobenzene	50.000	49.453	1.1	79	0.00
88	T	1,4-Dichlorobenzene	50.000	48.990	2.0	80	0.00
89	T	n-Butylbenzene	50.000	48.847	2.3	81	0.00
90	T	Hexachloroethane	50.000	47.921	4.2	78	0.00
91	T	1,2-Dichlorobenzene	50.000	49.989	0.0	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.725	-5.5	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.016	6.0	76	0.00
94	T	Hexachlorobutadiene	50.000	50.670	-1.3	85	0.00
95	T	Naphthalene	50.000	50.190	-0.4	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.070	3.9	76	0.00

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