Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
Data File : VD076131.D
Acq On : 18 May 2023 09:56
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 19 01:51:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 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	79	0.00
2	T	Dichlorodifluoromethane	50.000	49.030	1.9	88	0.00
3	P	Chloromethane	50.000	57.706	-15.4	89	0.00
4	C	Vinyl Chloride	50.000	56.640	-13.3#	99	0.00
5	T	Bromomethane	50.000	56.814	-13.6	96	0.00
6	T	Chloroethane	50.000	57.770	-15.5	99	0.00
7	T	Trichlorofluoromethane	50.000	50.674	-1.3	92	0.00
8	T	Diethyl Ether	50.000	50.848	-1.7	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.527	-5.1	96	0.00
10	T	Methyl Iodide	50.000	62.244	-24.5	92	0.00
11	T	Tert butyl alcohol	250.000	236.801	5.3	76	0.00
12	CM	1,1-Dichloroethene	50.000	52.941	-5.9#	91	0.00
13	T	Acrolein	250.000	221.468	11.4	68	0.00
14	T	Allyl chloride	50.000	54.233	-8.5	86	0.00
15	T	Acrylonitrile	250.000	253.827	-1.5	79	0.00
16	T	Acetone	250.000	279.503	-11.8	85	0.00
17	T	Carbon Disulfide	50.000	55.738	-11.5	88	0.00
18	T	Methyl Acetate	50.000	50.677	-1.4	80	0.00
19	T	Methyl tert-butyl Ether	50.000	53.758	-7.5	82	0.00
20	T	Methylene Chloride	50.000	49.581	0.8	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.854	-5.7	85	0.00
22	T	Diisopropyl ether	50.000	56.893	-13.8	85	0.00
23	T	Vinyl Acetate	250.000	270.348	-8.1	81	0.00
24	P	1,1-Dichloroethane	50.000	53.196	-6.4	87	0.00
25	T	2-Butanone	250.000	272.717	-9.1	83	0.00
26	T	2,2-Dichloropropane	50.000	55.103	-10.2	92	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.362	-8.7	84	0.00
28	T	Bromochloromethane	50.000	52.961	-5.9	87	0.00
29	T	Tetrahydrofuran	250.000	265.760	-6.3	79	0.00
30	C	Chloroform	50.000	53.930	-7.9#	89	0.00
31	T	Cyclohexane	50.000	52.348	-4.7	92	0.00
32	T	1,1,1-Trichloroethane	50.000	52.886	-5.8	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.314	-2.6	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	51.288	-2.6	88	0.00
36	T	1,1-Dichloropropene	50.000	53.217	-6.4	90	0.00
37	T	Ethyl Acetate	50.000	50.714	-1.4	78	0.00
38	T	Carbon Tetrachloride	50.000	51.764	-3.5	91	0.00
39	T	Methylcyclohexane	50.000	53.185	-6.4	94	0.00
40	TM	Benzene	50.000	52.799	-5.6	88	0.00
41	T	Methacrylonitrile	50.000	54.861	-9.7	79	0.00
42	TM	1,2-Dichloroethane	50.000	51.568	-3.1	86	0.00
43	T	Isopropyl Acetate	50.000	48.471	3.1	80	0.00
44	TM	Trichloroethene	50.000	49.338	1.3	84	0.00
45	C	1,2-Dichloropropane	50.000	52.375	-4.8#	87	0.00
46	T	Dibromomethane	50.000	51.913	-3.8	87	0.00
47	T	Bromodichloromethane	50.000	51.532	-3.1	85	0.00
48	T	Methyl methacrylate	50.000	49.601	0.8	78	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1043.081	-4.3	84	0.00
50	S	Toluene-d8	50.000	53.230	-6.5	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.796	0.9	77	0.00
52	CM	Toluene	50.000	54.995	-10.0#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	53.131	-6.3	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.148	-6.3	85	0.00
55	T	1,1,2-Trichloroethane	50.000	50.874	-1.7	84	0.00
56	T	Ethyl methacrylate	50.000	52.699	-5.4	80	0.00
57	T	1,3-Dichloropropane	50.000	52.432	-4.9	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.726	-1.1	79	0.00
59	T	2-Hexanone	250.000	262.916	-5.2	80	0.00
60	T	Dibromochloromethane	50.000	51.884	-3.8	85	0.00
61	T	1,2-Dibromoethane	50.000	51.421	-2.8	85	0.00
62	S	4-Bromofluorobenzene	50.000	53.052	-6.1	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	47.844	4.3	84	0.00
65	PM	Chlorobenzene	50.000	50.640	-1.3	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.590	-1.2	88	0.00
67	C	Ethyl Benzene	50.000	55.197	-10.4#	93	0.00
68	T	m/p-Xylenes	100.000	110.654	-10.7	93	0.00
69	T	o-Xylene	50.000	55.466	-10.9	91	0.00
70	T	Styrene	50.000	55.973	-11.9	92	0.00
71	P	Bromoform	50.000	47.459	5.1	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	54.663	-9.3	94	0.00
74	T	N-amyl acetate	50.000	47.333	5.3	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.550	2.9	86	0.00
76	T	1,2,3-Trichloropropane	50.000	43.650	12.7	87	0.00
77	T	Bromobenzene	50.000	49.800	0.4	86	0.00
78	T	n-propylbenzene	50.000	54.891	-9.8	95	0.00
79	T	2-Chlorotoluene	50.000	53.741	-7.5	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.639	-9.3	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.686	2.6	83	0.00
82	T	4-Chlorotoluene	50.000	52.874	-5.7	91	0.00
83	T	tert-Butylbenzene	50.000	54.877	-9.8	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.322	-10.6	92	0.00
85	T	sec-Butylbenzene	50.000	55.171	-10.3	97	0.00
86	T	p-Isopropyltoluene	50.000	55.570	-11.1	95	0.00
87	T	1,3-Dichlorobenzene	50.000	51.849	-3.7	91	0.00
88	T	1,4-Dichlorobenzene	50.000	51.531	-3.1	91	0.00
89	T	n-Butylbenzene	50.000	54.435	-8.9	96	0.00
90	T	Hexachloroethane	50.000	50.206	-0.4	94	0.00
91	T	1,2-Dichlorobenzene	50.000	50.605	-1.2	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.787	10.4	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.473	5.1	79	0.00
94	T	Hexachlorobutadiene	50.000	44.903	10.2	80	0.00
95	T	Naphthalene	50.000	48.180	3.6	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.302	9.4	75	0.00

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