Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076800.D
Acq On : 19 Jul 2023 19:38
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 20 05:02:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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	83	0.00
2	T	Dichlorodifluoromethane	50.000	51.366	-2.7	85	0.00
3	P	Chloromethane	50.000	49.831	0.3	81	0.00
4	C	Vinyl Chloride	50.000	53.802	-7.6#	88	0.00
5	T	Bromomethane	50.000	48.009	4.0	83	0.00
6	T	Chloroethane	50.000	52.156	-4.3	85	0.00
7	T	Trichlorofluoromethane	50.000	53.351	-6.7	91	0.00
8	T	Diethyl Ether	50.000	51.032	-2.1	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.228	-8.5	91	0.00
10	T	Methyl Iodide	50.000	54.028	-8.1	83	0.00
11	T	Tert butyl alcohol	250.000	238.045	4.8	78	0.00
12	CM	1,1-Dichloroethene	50.000	50.305	-0.6#	83	0.00
13	T	Acrolein	250.000	192.422	23.0	70	0.00
14	T	Allyl chloride	50.000	50.672	-1.3	81	0.00
15	T	Acrylonitrile	250.000	263.440	-5.4	83	0.00
16	T	Acetone	250.000	201.921	19.2	64	0.00
17	T	Carbon Disulfide	50.000	49.345	1.3	78	0.00
18	T	Methyl Acetate	50.000	53.875	-7.8	86	0.00
19	T	Methyl tert-butyl Ether	50.000	50.233	-0.5	79	0.01
20	T	Methylene Chloride	50.000	48.709	2.6	78	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.119	-4.2	82	0.00
22	T	Diisopropyl ether	50.000	53.638	-7.3	84	0.00
23	T	Vinyl Acetate	250.000	262.381	-5.0	81	0.00
24	P	1,1-Dichloroethane	50.000	53.855	-7.7	86	0.00
25	T	2-Butanone	250.000	254.283	-1.7	79	0.00
26	T	2,2-Dichloropropane	50.000	48.238	3.5	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.772	-3.5	83	0.00
28	T	Bromochloromethane	50.000	48.033	3.9	84	0.00
29	T	Tetrahydrofuran	250.000	271.835	-8.7	87	0.00
30	C	Chloroform	50.000	55.087	-10.2#	91	0.00
31	T	Cyclohexane	50.000	50.921	-1.8	91	0.00
32	T	1,1,1-Trichloroethane	50.000	54.486	-9.0	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.907	-3.8	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	54.183	-8.4	92	0.00
36	T	1,1-Dichloropropene	50.000	55.775	-11.5	88	0.00
37	T	Ethyl Acetate	50.000	56.356	-12.7	82	0.00
38	T	Carbon Tetrachloride	50.000	58.084	-16.2	92	0.00
39	T	Methylcyclohexane	50.000	54.428	-8.9	85	0.00
40	TM	Benzene	50.000	55.344	-10.7	87	0.00
41	T	Methacrylonitrile	50.000	53.646	-7.3	85	0.00
42	TM	1,2-Dichloroethane	50.000	55.482	-11.0	85	0.00
43	T	Isopropyl Acetate	50.000	54.157	-8.3	82	0.00
44	TM	Trichloroethene	50.000	54.090	-8.2	84	0.00
45	C	1,2-Dichloropropane	50.000	56.406	-12.8#	83	0.00
46	T	Dibromomethane	50.000	55.046	-10.1	81	0.00
47	T	Bromodichloromethane	50.000	55.541	-11.1	83	0.00
48	T	Methyl methacrylate	50.000	53.307	-6.6	78	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1008.936	-0.9	79	0.00
50	S	Toluene-d8	50.000	52.239	-4.5	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.274	-15.3	84	0.00
52	CM	Toluene	50.000	54.499	-9.0#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	54.006	-8.0	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.180	-6.4	79	0.00
55	T	1,1,2-Trichloroethane	50.000	55.401	-10.8	82	0.00
56	T	Ethyl methacrylate	50.000	56.792	-13.6	81	0.00
57	T	1,3-Dichloropropane	50.000	54.178	-8.4	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	256.551	-2.6	80	0.00
59	T	2-Hexanone	250.000	272.742	-9.1	79	0.00
60	T	Dibromochloromethane	50.000	55.895	-11.8	83	0.00
61	T	1,2-Dibromoethane	50.000	52.901	-5.8	77	0.00
62	S	4-Bromofluorobenzene	50.000	50.434	-0.9	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	53.334	-6.7	83	0.00
65	PM	Chlorobenzene	50.000	52.536	-5.1	81	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.553	-5.1	82	0.00
67	C	Ethyl Benzene	50.000	52.896	-5.8#	81	0.00
68	T	m/p-Xylenes	100.000	107.341	-7.3	82	0.00
69	T	o-Xylene	50.000	51.701	-3.4	78	0.00
70	T	Styrene	50.000	53.173	-6.3	80	0.00
71	P	Bromoform	50.000	54.251	-8.5	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	52.891	-5.8	81	0.00
74	T	N-amyl acetate	50.000	53.630	-7.3	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.577	-9.2	82	0.00
76	T	1,2,3-Trichloropropane	50.000	53.825	-7.7	80	0.00
77	T	Bromobenzene	50.000	50.809	-1.6	77	0.00
78	T	n-propylbenzene	50.000	54.110	-8.2	83	0.00
79	T	2-Chlorotoluene	50.000	52.890	-5.8	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.879	-7.8	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.523	-3.0	75	0.00
82	T	4-Chlorotoluene	50.000	52.559	-5.1	79	0.00
83	T	tert-Butylbenzene	50.000	54.784	-9.6	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.475	-5.0	79	0.00
85	T	sec-Butylbenzene	50.000	54.296	-8.6	83	0.00
86	T	p-Isopropyltoluene	50.000	54.850	-9.7	83	0.00
87	T	1,3-Dichlorobenzene	50.000	52.640	-5.3	79	0.00
88	T	1,4-Dichlorobenzene	50.000	52.714	-5.4	81	0.00
89	T	n-Butylbenzene	50.000	53.538	-7.1	82	0.00
90	T	Hexachloroethane	50.000	59.051	-18.1	88	0.00
91	T	1,2-Dichlorobenzene	50.000	52.593	-5.2	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.091	-6.2	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.166	-2.3	78	0.00
94	T	Hexachlorobutadiene	50.000	51.285	-2.6	79	0.00
95	T	Naphthalene	50.000	51.425	-2.8	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.106	-0.2	77	0.00

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