Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
Data File : VD077040.D
Acq On : 28 Aug 2023 13:28
Operator : JC/SY
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082823

Quant Time: Aug 29 02:50:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	46.780	6.4	97	0.00
3	P	Chloromethane	50.000	53.065	-6.1	96	0.00
4	C	Vinyl Chloride	50.000	47.473	5.1#	95	0.00
5	T	Bromomethane	50.000	46.005	8.0	93	0.00
6	T	Chloroethane	50.000	49.443	1.1	97	0.00
7	T	Trichlorofluoromethane	50.000	48.192	3.6	98	0.00
8	T	Diethyl Ether	50.000	52.814	-5.6	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.908	0.2	99	0.00
10	T	Methyl Iodide	50.000	54.615	-9.2	96	0.00
11	T	Tert butyl alcohol	250.000	207.950	16.8	78	0.00
12	CM	1,1-Dichloroethene	50.000	49.573	0.9#	97	0.00
13	T	Acrolein	250.000	240.739	3.7	88	0.00
14	T	Allyl chloride	50.000	52.661	-5.3	102	0.00
15	T	Acrylonitrile	250.000	235.723	5.7	86	0.00
16	T	Acetone	250.000	226.403	9.4	89	0.00
17	T	Carbon Disulfide	50.000	48.185	3.6	98	0.00
18	T	Methyl Acetate	50.000	47.914	4.2	87	0.00
19	T	Methyl tert-butyl Ether	50.000	50.302	-0.6	91	0.00
20	T	Methylene Chloride	50.000	57.970	-15.9	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.043	-2.1	96	0.00
22	T	Diisopropyl ether	50.000	54.326	-8.7	97	0.00
23	T	Vinyl Acetate	250.000	257.668	-3.1	93	0.00
24	P	1,1-Dichloroethane	50.000	51.741	-3.5	97	0.00
25	T	2-Butanone	250.000	230.457	7.8	86	0.00
26	T	2,2-Dichloropropane	50.000	51.216	-2.4	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.765	-3.5	97	0.00
28	T	Bromochloromethane	50.000	46.214	7.6	98	0.00
29	T	Tetrahydrofuran	250.000	232.673	6.9	81	0.00
30	C	Chloroform	50.000	51.492	-3.0#	97	0.00
31	T	Cyclohexane	50.000	47.125	5.8	99	0.00
32	T	1,1,1-Trichloroethane	50.000	51.215	-2.4	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.510	7.0	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	45.948	8.1	92	0.00
36	T	1,1-Dichloropropene	50.000	51.127	-2.3	100	0.00
37	T	Ethyl Acetate	50.000	47.950	4.1	88	0.00
38	T	Carbon Tetrachloride	50.000	51.912	-3.8	102	0.00
39	T	Methylcyclohexane	50.000	50.520	-1.0	102	0.00
40	TM	Benzene	50.000	51.962	-3.9	98	0.00
41	T	Methacrylonitrile	50.000	47.608	4.8	88	0.00
42	TM	1,2-Dichloroethane	50.000	48.464	3.1	95	0.00
43	T	Isopropyl Acetate	50.000	48.155	3.7	89	0.00
44	TM	Trichloroethene	50.000	50.378	-0.8	97	0.00
45	C	1,2-Dichloropropane	50.000	51.365	-2.7#	95	0.00
46	T	Dibromomethane	50.000	47.801	4.4	92	0.00
47	T	Bromodichloromethane	50.000	51.091	-2.2	96	0.00
48	T	Methyl methacrylate	50.000	51.567	-3.1	94	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	895.721	10.4	83	0.00
50	S	Toluene-d8	50.000	46.136	7.7	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.309	3.9	85	0.00
52	CM	Toluene	50.000	53.155	-6.3#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	51.415	-2.8	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.402	-2.8	95	0.00
55	T	1,1,2-Trichloroethane	50.000	47.744	4.5	89	0.00
56	T	Ethyl methacrylate	50.000	50.818	-1.6	90	0.00
57	T	1,3-Dichloropropane	50.000	50.428	-0.9	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	205.367	17.9	86	0.00
59	T	2-Hexanone	250.000	241.379	3.4	85	0.00
60	T	Dibromochloromethane	50.000	50.114	-0.2	93	0.00
61	T	1,2-Dibromoethane	50.000	48.561	2.9	92	0.00
62	S	4-Bromofluorobenzene	50.000	48.352	3.3	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	48.179	3.6	94	0.00
65	PM	Chlorobenzene	50.000	50.912	-1.8	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.720	-1.4	95	0.00
67	C	Ethyl Benzene	50.000	52.649	-5.3#	97	0.00
68	T	m/p-Xylenes	100.000	106.463	-6.5	97	0.00
69	T	o-Xylene	50.000	54.343	-8.7	99	0.00
70	T	Styrene	50.000	53.564	-7.1	95	0.00
71	P	Bromoform	50.000	49.000	2.0	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	54.345	-8.7	101	0.00
74	T	N-amyl acetate	50.000	50.488	-1.0	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.455	7.1	89	0.00
76	T	1,2,3-Trichloropropane	50.000	43.521	13.0	88	0.00
77	T	Bromobenzene	50.000	50.791	-1.6	94	0.00
78	T	n-propylbenzene	50.000	53.854	-7.7	99	0.00
79	T	2-Chlorotoluene	50.000	52.416	-4.8	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.308	-8.6	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.281	3.4	96	0.00
82	T	4-Chlorotoluene	50.000	52.410	-4.8	97	0.00
83	T	tert-Butylbenzene	50.000	54.078	-8.2	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.028	-10.1	98	0.00
85	T	sec-Butylbenzene	50.000	53.319	-6.6	100	0.00
86	T	p-Isopropyltoluene	50.000	54.218	-8.4	99	0.00
87	T	1,3-Dichlorobenzene	50.000	51.390	-2.8	96	0.00
88	T	1,4-Dichlorobenzene	50.000	50.859	-1.7	96	0.00
89	T	n-Butylbenzene	50.000	54.542	-9.1	100	0.00
90	T	Hexachloroethane	50.000	52.623	-5.2	99	0.00
91	T	1,2-Dichlorobenzene	50.000	50.878	-1.8	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.230	5.5	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.519	-7.0	98	0.00
94	T	Hexachlorobutadiene	50.000	51.539	-3.1	100	0.00
95	T	Naphthalene	50.000	50.125	-0.3	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.683	-1.4	93	0.00

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