Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
Data File : VD077013.D
Acq On : 14 Aug 2023 20:55
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 15 04:52:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 09 07:25:36 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	44.474	11.1	75	0.00
3	P	Chloromethane	50.000	48.204	3.6	82	0.00
4	C	Vinyl Chloride	50.000	44.406	11.2#	77	0.00
5	T	Bromomethane	50.000	37.799	24.4	71	0.00
6	T	Chloroethane	50.000	44.818	10.4	79	0.00
7	T	Trichlorofluoromethane	50.000	45.906	8.2	85	-0.01
8	T	Diethyl Ether	50.000	49.181	1.6	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.308	5.4	87	-0.01
10	T	Methyl Iodide	50.000	46.503	7.0	74	0.00
11	T	Tert butyl alcohol	250.000	326.488	-30.6#	103	-0.01
12	CM	1,1-Dichloroethene	50.000	44.696	10.6#	80	-0.01
13	T	Acrolein	250.000	169.344	32.3#	68	0.00
14	T	Allyl chloride	50.000	45.921	8.2	78	0.00
15	T	Acrylonitrile	250.000	287.606	-15.0	100	0.00
16	T	Acetone	250.000	276.051	-10.4	92	0.00
17	T	Carbon Disulfide	50.000	41.905	16.2	69	-0.01
18	T	Methyl Acetate	50.000	55.777	-11.6	97	0.01
19	T	Methyl tert-butyl Ether	50.000	54.386	-8.8	93	0.00
20	T	Methylene Chloride	50.000	57.070	-14.1	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.577	4.8	84	0.00
22	T	Diisopropyl ether	50.000	53.688	-7.4	89	0.00
23	T	Vinyl Acetate	250.000	270.680	-8.3	89	0.00
24	P	1,1-Dichloroethane	50.000	49.002	2.0	84	0.00
25	T	2-Butanone	250.000	269.984	-8.0	98	0.00
26	T	2,2-Dichloropropane	50.000	43.019	14.0	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.947	2.1	84	0.00
28	T	Bromochloromethane	50.000	55.363	-10.7	92	0.00
29	T	Tetrahydrofuran	250.000	282.395	-13.0	97	0.00
30	C	Chloroform	50.000	52.407	-4.8#	89	0.00
31	T	Cyclohexane	50.000	47.483	5.0	78	0.00
32	T	1,1,1-Trichloroethane	50.000	51.094	-2.2	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.491	-1.0	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35	S	Dibromofluoromethane	50.000	52.566	-5.1	87	0.00
36	T	1,1-Dichloropropene	50.000	48.851	2.3	79	0.00
37	T	Ethyl Acetate	50.000	60.804	-21.6	108	0.00
38	T	Carbon Tetrachloride	50.000	51.733	-3.5	88	0.00
39	T	Methylcyclohexane	50.000	47.693	4.6	79	0.00
40	TM	Benzene	50.000	50.949	-1.9	83	0.00
41	T	Methacrylonitrile	50.000	61.522	-23.0	101	0.00
42	TM	1,2-Dichloroethane	50.000	57.070	-14.1	93	0.00
43	T	Isopropyl Acetate	50.000	59.295	-18.6	98	0.00
44	TM	Trichloroethene	50.000	51.327	-2.7	87	0.00
45	C	1,2-Dichloropropane	50.000	53.238	-6.5#	91	0.00
46	T	Dibromomethane	50.000	55.926	-11.9	94	0.00
47	T	Bromodichloromethane	50.000	54.832	-9.7	93	0.00
48	T	Methyl methacrylate	50.000	56.323	-12.6	87	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1214.565	-21.5	105	0.00
50	S	Toluene-d8	50.000	49.547	0.9	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	308.368	-23.3	103	0.00
52	CM	Toluene	50.000	51.592	-3.2#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	53.999	-8.0	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.447	-4.9	87	0.00
55	T	1,1,2-Trichloroethane	50.000	56.833	-13.7	95	0.00
56	T	Ethyl methacrylate	50.000	59.846	-19.7	97	0.00
57	T	1,3-Dichloropropane	50.000	55.053	-10.1	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	259.037	-3.6	93	0.00
59	T	2-Hexanone	250.000	307.539	-23.0	101	0.00
60	T	Dibromochloromethane	50.000	57.750	-15.5	94	0.00
61	T	1,2-Dibromoethane	50.000	56.206	-12.4	93	0.00
62	S	4-Bromofluorobenzene	50.000	53.800	-7.6	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	52.843	-5.7	92	0.00
65	PM	Chlorobenzene	50.000	50.111	-0.2	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.191	-6.4	92	0.00
67	C	Ethyl Benzene	50.000	50.635	-1.3#	87	0.00
68	T	m/p-Xylenes	100.000	102.959	-3.0	87	0.00
69	T	o-Xylene	50.000	52.735	-5.5	91	0.00
70	T	Styrene	50.000	52.955	-5.9	87	0.00
71	P	Bromoform	50.000	59.109	-18.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	47.099	5.8	88	0.00
74	T	N-amyl acetate	50.000	51.944	-3.9	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.786	-3.6	101	0.00
76	T	1,2,3-Trichloropropane	50.000	48.564	2.9	84	0.00
77	T	Bromobenzene	50.000	48.422	3.2	94	0.00
78	T	n-propylbenzene	50.000	46.676	6.6	87	0.00
79	T	2-Chlorotoluene	50.000	47.079	5.8	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.611	2.8	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.778	2.4	95	0.00
82	T	4-Chlorotoluene	50.000	47.586	4.8	89	0.00
83	T	tert-Butylbenzene	50.000	48.359	3.3	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.826	2.3	91	0.00
85	T	sec-Butylbenzene	50.000	47.715	4.6	91	0.00
86	T	p-Isopropyltoluene	50.000	48.075	3.8	90	0.00
87	T	1,3-Dichlorobenzene	50.000	49.249	1.5	94	0.00
88	T	1,4-Dichlorobenzene	50.000	49.286	1.4	95	0.00
89	T	n-Butylbenzene	50.000	47.485	5.0	90	0.00
90	T	Hexachloroethane	50.000	49.577	0.8	99	0.00
91	T	1,2-Dichlorobenzene	50.000	49.110	1.8	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.866	-9.7	113	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.901	2.2	95	0.00
94	T	Hexachlorobutadiene	50.000	48.514	3.0	99	0.00
95	T	Naphthalene	50.000	53.096	-6.2	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.629	-1.3	97	0.00

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