Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
Data File : VD077158.D
Acq On : 19 Sep 2023 20:44
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 20 08:34:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	34.458	31.1#	59	0.00
3	P	Chloromethane	50.000	39.692	20.6	72	0.00
4	C	Vinyl Chloride	50.000	40.248	19.5#	68	0.00
5	T	Bromomethane	50.000	42.554	14.9	81	0.00
6	T	Chloroethane	50.000	45.699	8.6	83	0.00
7	T	Trichlorofluoromethane	50.000	40.643	18.7	73	0.00
8	T	Diethyl Ether	50.000	36.668	26.7#	63	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	39.298	21.4	62	0.00
10	T	Methyl Iodide	50.000	40.503	19.0	63	0.00
11	T	Tert butyl alcohol	250.000	208.730	16.5	71	0.02
12	CM	1,1-Dichloroethene	50.000	37.327	25.3#	61	-0.01
13	T	Acrolein	250.000	163.710	34.5#	58	0.00
14	T	Allyl chloride	50.000	38.568	22.9	60	0.00
15	T	Acrylonitrile	250.000	194.994	22.0	64	0.01
16	T	Acetone	250.000	187.197	25.1#	57	0.00
17	T	Carbon Disulfide	50.000	38.113	23.8	63	0.00
18	T	Methyl Acetate	50.000	40.749	18.5	68	0.00
19	T	Methyl tert-butyl Ether	50.000	40.167	19.7	65	0.00
20	T	Methylene Chloride	50.000	55.840	-11.7	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	39.619	20.8	64	0.00
22	T	Diisopropyl ether	50.000	41.197	17.6	65	0.00
23	T	Vinyl Acetate	250.000	199.592	20.2	64	0.00
24	P	1,1-Dichloroethane	50.000	40.064	19.9	67	0.00
25	T	2-Butanone	250.000	202.106	19.2	65	0.00
26	T	2,2-Dichloropropane	50.000	38.948	22.1	64	0.00
27	T	cis-1,2-Dichloroethene	50.000	40.032	19.9	65	0.00
28	T	Bromochloromethane	50.000	51.962	-3.9	83	0.00
29	T	Tetrahydrofuran	250.000	204.844	18.1	67	0.00
30	C	Chloroform	50.000	41.300	17.4#	67	0.00
31	T	Cyclohexane	50.000	36.597	26.8#	59	0.00
32	T	1,1,1-Trichloroethane	50.000	40.503	19.0	65	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.169	-14.3	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	55.360	-10.7	86	0.00
36	T	1,1-Dichloropropene	50.000	39.826	20.3	65	0.00
37	T	Ethyl Acetate	50.000	36.977	26.0#	64	0.00
38	T	Carbon Tetrachloride	50.000	38.222	23.6	61	0.00
39	T	Methylcyclohexane	50.000	36.761	26.5#	57	0.00
40	TM	Benzene	50.000	39.780	20.4	66	0.00
41	T	Methacrylonitrile	50.000	33.704	32.6#	58	0.00
42	TM	1,2-Dichloroethane	50.000	39.857	20.3	67	0.00
43	T	Isopropyl Acetate	50.000	39.644	20.7	68	0.00
44	TM	Trichloroethene	50.000	38.501	23.0	65	0.00
45	C	1,2-Dichloropropane	50.000	40.153	19.7#	67	0.00
46	T	Dibromomethane	50.000	40.566	18.9	68	0.00
47	T	Bromodichloromethane	50.000	40.460	19.1	68	0.00
48	T	Methyl methacrylate	50.000	40.073	19.9	65	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	895.674	10.4	74	0.00
50	S	Toluene-d8	50.000	55.349	-10.7	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	200.244	19.9	68	0.00
52	CM	Toluene	50.000	39.951	20.1#	65	0.00
53	T	t-1,3-Dichloropropene	50.000	39.479	21.0	66	0.00
54	T	cis-1,3-Dichloropropene	50.000	40.030	19.9	66	0.00
55	T	1,1,2-Trichloroethane	50.000	41.486	17.0	70	0.00
56	T	Ethyl methacrylate	50.000	39.175	21.7	63	0.00
57	T	1,3-Dichloropropane	50.000	40.815	18.4	68	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	193.843	22.5	58	0.00
59	T	2-Hexanone	250.000	196.582	21.4	66	0.00
60	T	Dibromochloromethane	50.000	40.782	18.4	67	0.00
61	T	1,2-Dibromoethane	50.000	40.511	19.0	70	0.00
62	S	4-Bromofluorobenzene	50.000	54.266	-8.5	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	39.695	20.6	66	0.00
65	PM	Chlorobenzene	50.000	38.632	22.7	66	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	39.896	20.2	68	0.00
67	C	Ethyl Benzene	50.000	39.029	21.9#	64	0.00
68	T	m/p-Xylenes	100.000	79.348	20.7	64	0.00
69	T	o-Xylene	50.000	39.941	20.1	65	0.00
70	T	Styrene	50.000	41.688	16.6	67	0.00
71	P	Bromoform	50.000	40.139	19.7	69	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	36.932	26.1#	63	0.00
74	T	N-amyl acetate	50.000	37.568	24.9	66	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	38.776	22.4	73	0.00
76	T	1,2,3-Trichloropropane	50.000	79.639	-59.3#	149	0.00
77	T	Bromobenzene	50.000	37.808	24.4	67	0.00
78	T	n-propylbenzene	50.000	37.685	24.6	65	0.00
79	T	2-Chlorotoluene	50.000	37.494	25.0#	65	0.00
80	T	1,3,5-Trimethylbenzene	50.000	38.050	23.9	65	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	39.502	21.0	72	0.00
82	T	4-Chlorotoluene	50.000	38.253	23.5	65	0.00
83	T	tert-Butylbenzene	50.000	37.432	25.1#	63	0.00
84	T	1,2,4-Trimethylbenzene	50.000	38.602	22.8	66	0.00
85	T	sec-Butylbenzene	50.000	37.299	25.4#	63	0.00
86	T	p-Isopropyltoluene	50.000	37.558	24.9	63	0.00
87	T	1,3-Dichlorobenzene	50.000	37.431	25.1#	66	0.00
88	T	1,4-Dichlorobenzene	50.000	37.544	24.9	67	0.00
89	T	n-Butylbenzene	50.000	36.069	27.9#	61	0.00
90	T	Hexachloroethane	50.000	37.373	25.3#	67	0.00
91	T	1,2-Dichlorobenzene	50.000	38.386	23.2	69	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	38.235	23.5	69	0.00
93	T	1,2,4-Trichlorobenzene	50.000	35.666	28.7#	63	0.00
94	T	Hexachlorobutadiene	50.000	33.333	33.3#	58	0.00
95	T	Naphthalene	50.000	36.274	27.5#	64	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	36.780	26.4#	64	0.00

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