Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
Data File : VD077486.D
Acq On : 02 Nov 2023 10:20
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Nov 03 01:00:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 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	70	0.00
2	T	Dichlorodifluoromethane	50.000	43.822	12.4	66	0.00
3	P	Chloromethane	50.000	54.351	-8.7	69	0.00
4	C	Vinyl Chloride	50.000	59.327	-18.7#	77	0.00
5	T	Bromomethane	50.000	65.052	-30.1#	83	0.01
6	T	Chloroethane	50.000	61.518	-23.0	80	0.00
7	T	Trichlorofluoromethane	50.000	47.427	5.1	66	0.01
8	T	Diethyl Ether	50.000	45.299	9.4	60	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.635	8.7	64	0.00
10	T	Methyl Iodide	50.000	43.448	13.1	60	0.00
11	T	Tert butyl alcohol	250.000	169.792	32.1#	52	0.01
12	CM	1,1-Dichloroethene	50.000	48.254	3.5#	65	0.01
13	T	Acrolein	250.000	210.819	15.7	60	0.00
14	T	Allyl chloride	50.000	46.958	6.1	61	0.01
15	T	Acrylonitrile	250.000	219.983	12.0	59	0.01
16	T	Acetone	250.000	228.820	8.5	62	0.00
17	T	Carbon Disulfide	50.000	46.709	6.6	63	0.00
18	T	Methyl Acetate	50.000	44.479	11.0	58	0.00
19	T	Methyl tert-butyl Ether	50.000	43.201	13.6	59	0.00
20	T	Methylene Chloride	50.000	43.693	12.6	60	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.298	3.4	63	0.00
22	T	Diisopropyl ether	50.000	45.885	8.2	62	0.00
23	T	Vinyl Acetate	250.000	212.756	14.9	57	0.00
24	P	1,1-Dichloroethane	50.000	46.654	6.7	63	0.01
25	T	2-Butanone	250.000	204.010	18.4	58	0.00
26	T	2,2-Dichloropropane	50.000	44.933	10.1	63	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.909	6.2	63	0.00
28	T	Bromochloromethane	50.000	52.773	-5.5	72	0.01
29	T	Tetrahydrofuran	250.000	211.357	15.5	57	0.00
30	C	Chloroform	50.000	45.856	8.3#	62	0.00
31	T	Cyclohexane	50.000	47.151	5.7	66	0.00
32	T	1,1,1-Trichloroethane	50.000	47.163	5.7	65	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.151	-0.3	69	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	49.821	0.4	70	0.00
36	T	1,1-Dichloropropene	50.000	47.349	5.3	64	0.00
37	T	Ethyl Acetate	50.000	41.521	17.0	57	0.00
38	T	Carbon Tetrachloride	50.000	47.129	5.7	67	0.00
39	T	Methylcyclohexane	50.000	47.305	5.4	65	0.00
40	TM	Benzene	50.000	47.863	4.3	64	0.00
41	T	Methacrylonitrile	50.000	46.459	7.1	68	0.00
42	TM	1,2-Dichloroethane	50.000	43.531	12.9	60	0.00
43	T	Isopropyl Acetate	50.000	41.829	16.3	57	0.00
44	TM	Trichloroethene	50.000	45.362	9.3	62	0.00
45	C	1,2-Dichloropropane	50.000	46.204	7.6#	63	0.00
46	T	Dibromomethane	50.000	43.373	13.3	60	0.00
47	T	Bromodichloromethane	50.000	44.168	11.7	61	0.00
48	T	Methyl methacrylate	50.000	42.171	15.7	56	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	728.453	27.2#	50	0.01
50	S	Toluene-d8	50.000	52.536	-5.1	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	203.865	18.5	58	0.00
52	CM	Toluene	50.000	46.404	7.2#	63	0.00
53	T	t-1,3-Dichloropropene	50.000	43.631	12.7	60	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.358	9.3	61	0.00
55	T	1,1,2-Trichloroethane	50.000	43.425	13.2	61	0.00
56	T	Ethyl methacrylate	50.000	41.818	16.4	58	0.00
57	T	1,3-Dichloropropane	50.000	44.045	11.9	60	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.369	3.9	63	0.00
59	T	2-Hexanone	250.000	201.768	19.3	58	0.00
60	T	Dibromochloromethane	50.000	42.165	15.7	59	0.00
61	T	1,2-Dibromoethane	50.000	42.022	16.0	58	0.00
62	S	4-Bromofluorobenzene	50.000	48.983	2.0	70	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	70	0.00
64	T	Tetrachloroethene	50.000	44.545	10.9	62	0.00
65	PM	Chlorobenzene	50.000	45.202	9.6	62	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	43.190	13.6	59	0.00
67	C	Ethyl Benzene	50.000	46.459	7.1#	64	0.00
68	T	m/p-Xylenes	100.000	92.071	7.9	63	0.00
69	T	o-Xylene	50.000	46.260	7.5	63	0.00
70	T	Styrene	50.000	45.131	9.7	62	0.00
71	P	Bromoform	50.000	41.063	17.9	58	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	69	0.00
73	T	Isopropylbenzene	50.000	46.250	7.5	64	0.00
74	T	N-amyl acetate	50.000	40.856	18.3	57	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.145	15.7	57	0.00
76	T	1,2,3-Trichloropropane	50.000	43.205	13.6	61	0.00
77	T	Bromobenzene	50.000	43.276	13.4	59	0.00
78	T	n-propylbenzene	50.000	46.041	7.9	63	0.00
79	T	2-Chlorotoluene	50.000	44.691	10.6	61	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.681	8.6	63	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.420	19.2	56	0.00
82	T	4-Chlorotoluene	50.000	44.056	11.9	60	0.00
83	T	tert-Butylbenzene	50.000	45.876	8.2	63	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.284	9.4	63	0.00
85	T	sec-Butylbenzene	50.000	45.770	8.5	65	0.00
86	T	p-Isopropyltoluene	50.000	45.511	9.0	63	0.00
87	T	1,3-Dichlorobenzene	50.000	44.476	11.0	61	0.00
88	T	1,4-Dichlorobenzene	50.000	43.491	13.0	60	0.00
89	T	n-Butylbenzene	50.000	45.669	8.7	64	0.00
90	T	Hexachloroethane	50.000	44.773	10.5	62	0.00
91	T	1,2-Dichlorobenzene	50.000	43.897	12.2	60	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	37.043	25.9#	52	0.00
93	T	1,2,4-Trichlorobenzene	50.000	42.313	15.4	59	0.00
94	T	Hexachlorobutadiene	50.000	41.930	16.1	60	0.00
95	T	Naphthalene	50.000	41.894	16.2	57	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.155	17.7	56	0.00

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