Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
Data File : VD077292.D
Acq On : 06 Oct 2023 18:04
Operator : JC/SY
Sample : VSTDICV050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD100623

Quant Time: Oct 09 09:54:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 09 09:52:06 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	51.558	-3.1	107	0.00
3	P	Chloromethane	50.000	52.658	-5.3	106	0.00
4	C	Vinyl Chloride	50.000	49.639	0.7#	95	0.00
5	T	Bromomethane	50.000	38.093	23.8	77	0.00
6	T	Chloroethane	50.000	37.966	24.1	72	0.00
7	T	Trichlorofluoromethane	50.000	39.923	20.2	79	0.00
8	T	Diethyl Ether	50.000	56.834	-13.7	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.095	-4.2	103	0.00
10	T	Methyl Iodide	50.000	56.448	-12.9	102	0.00
11	T	Tert butyl alcohol	250.000	265.795	-6.3	110	-0.01
12	CM	1,1-Dichloroethene	50.000	53.329	-6.7#	104	0.00
13	T	Acrolein	250.000	287.689	-15.1	117	0.00
14	T	Allyl chloride	50.000	54.438	-8.9	105	0.00
15	T	Acrylonitrile	250.000	283.589	-13.4	108	0.00
16	T	Acetone	250.000	265.617	-6.2	104	0.00
17	T	Carbon Disulfide	50.000	51.836	-3.7	102	0.00
18	T	Methyl Acetate	50.000	56.187	-12.4	110	0.00
19	T	Methyl tert-butyl Ether	50.000	57.005	-14.0	107	0.00
20	T	Methylene Chloride	50.000	53.170	-6.3	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.932	-7.9	103	0.00
22	T	Diisopropyl ether	50.000	58.235	-16.5	109	0.00
23	T	Vinyl Acetate	250.000	279.844	-11.9	107	0.00
24	P	1,1-Dichloroethane	50.000	53.482	-7.0	104	0.00
25	T	2-Butanone	250.000	280.397	-12.2	108	0.00
26	T	2,2-Dichloropropane	50.000	51.562	-3.1	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.776	-7.6	103	0.00
28	T	Bromochloromethane	50.000	46.431	7.1	87	0.00
29	T	Tetrahydrofuran	250.000	291.225	-16.5	110	0.00
30	C	Chloroform	50.000	52.491	-5.0#	101	0.00
31	T	Cyclohexane	50.000	53.862	-7.7	106	0.00
32	T	1,1,1-Trichloroethane	50.000	52.494	-5.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	58.215	-16.4	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	56.855	-13.7	106	0.00
36	T	1,1-Dichloropropene	50.000	55.420	-10.8	106	0.00
37	T	Ethyl Acetate	50.000	53.473	-6.9	106	0.00
38	T	Carbon Tetrachloride	50.000	52.387	-4.8	101	0.00
39	T	Methylcyclohexane	50.000	55.457	-10.9	108	0.00
40	TM	Benzene	50.000	53.608	-7.2	101	0.00
41	T	Methacrylonitrile	50.000	56.202	-12.4	101	0.00
42	TM	1,2-Dichloroethane	50.000	53.320	-6.6	103	0.00
43	T	Isopropyl Acetate	50.000	55.522	-11.0	108	0.00
44	TM	Trichloroethene	50.000	51.186	-2.4	99	0.00
45	C	1,2-Dichloropropane	50.000	53.596	-7.2#	105	0.00
46	T	Dibromomethane	50.000	52.710	-5.4	100	0.00
47	T	Bromodichloromethane	50.000	53.090	-6.2	102	0.00
48	T	Methyl methacrylate	50.000	55.518	-11.0	103	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	1179.666	-18.0	115	0.00
50	S	Toluene-d8	50.000	59.655	-19.3	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	284.337	-13.7	107	0.00
52	CM	Toluene	50.000	54.762	-9.5#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	54.875	-9.8	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.254	-8.5	104	0.00
55	T	1,1,2-Trichloroethane	50.000	53.725	-7.5	104	0.00
56	T	Ethyl methacrylate	50.000	58.340	-16.7	108	0.00
57	T	1,3-Dichloropropane	50.000	54.273	-8.5	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	263.303	-5.3	101	0.00
59	T	2-Hexanone	250.000	281.141	-12.5	106	0.00
60	T	Dibromochloromethane	50.000	52.471	-4.9	102	0.00
61	T	1,2-Dibromoethane	50.000	52.898	-5.8	99	0.00
62	S	4-Bromofluorobenzene	50.000	57.488	-15.0	107	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	52.087	-4.2	100	0.00
65	PM	Chlorobenzene	50.000	52.495	-5.0	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.901	-3.8	99	0.00
67	C	Ethyl Benzene	50.000	54.071	-8.1#	102	0.00
68	T	m/p-Xylenes	100.000	108.794	-8.8	101	0.00
69	T	o-Xylene	50.000	54.443	-8.9	100	0.00
70	T	Styrene	50.000	55.801	-11.6	102	0.00
71	P	Bromoform	50.000	53.548	-7.1	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	54.503	-9.0	103	0.00
74	T	N-amyl acetate	50.000	56.358	-12.7	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.879	-5.8	106	0.00
76	T	1,2,3-Trichloropropane	50.000	49.880	0.2	98	0.00
77	T	Bromobenzene	50.000	53.322	-6.6	101	0.00
78	T	n-propylbenzene	50.000	54.541	-9.1	102	0.00
79	T	2-Chlorotoluene	50.000	54.017	-8.0	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.730	-9.5	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.522	-7.0	103	0.00
82	T	4-Chlorotoluene	50.000	53.414	-6.8	101	0.00
83	T	tert-Butylbenzene	50.000	54.752	-9.5	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.510	-9.0	100	0.00
85	T	sec-Butylbenzene	50.000	54.836	-9.7	103	0.00
86	T	p-Isopropyltoluene	50.000	55.048	-10.1	102	0.00
87	T	1,3-Dichlorobenzene	50.000	53.074	-6.1	102	0.00
88	T	1,4-Dichlorobenzene	50.000	52.234	-4.5	101	0.00
89	T	n-Butylbenzene	50.000	54.640	-9.3	102	0.00
90	T	Hexachloroethane	50.000	51.682	-3.4	101	0.00
91	T	1,2-Dichlorobenzene	50.000	52.632	-5.3	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.519	-9.0	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.668	-7.3	104	0.00
94	T	Hexachlorobutadiene	50.000	52.681	-5.4	103	0.00
95	T	Naphthalene	50.000	55.525	-11.0	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.303	-8.6	104	0.00

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