Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
Data File : VD077070.D
Acq On : 29 Aug 2023 19:06
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.8ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 30 08:27:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 28 15:49:00 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	50.280	-0.6	93	0.00
3	P	Chloromethane	50.000	59.627	-19.3	96	0.00
4	C	Vinyl Chloride	50.000	52.875	-5.8#	94	0.00
5	T	Bromomethane	50.000	47.660	4.7	86	0.00
6	T	Chloroethane	50.000	58.152	-16.3	102	0.00
7	T	Trichlorofluoromethane	50.000	51.299	-2.6	93	0.00
8	T	Diethyl Ether	50.000	63.502	-27.0#	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.006	-10.0	98	-0.01
10	T	Methyl Iodide	50.000	61.810	-23.6	98	0.00
11	T	Tert butyl alcohol	250.000	287.464	-15.0	97	-0.01
12	CM	1,1-Dichloroethene	50.000	54.904	-9.8#	96	0.00
13	T	Acrolein	250.000	332.549	-33.0#	112	0.00
14	T	Allyl chloride	50.000	55.532	-11.1	96	0.00
15	T	Acrylonitrile	250.000	311.844	-24.7	102	0.00
16	T	Acetone	250.000	218.702	12.5	77	0.00
17	T	Carbon Disulfide	50.000	51.895	-3.8	95	-0.01
18	T	Methyl Acetate	50.000	63.061	-26.1#	102	0.00
19	T	Methyl tert-butyl Ether	50.000	63.407	-26.8#	103	0.00
20	T	Methylene Chloride	50.000	64.893	-29.8#	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.189	-14.4	97	0.00
22	T	Diisopropyl ether	50.000	64.514	-29.0#	103	0.00
23	T	Vinyl Acetate	250.000	254.965	-2.0	78	0.00
24	P	1,1-Dichloroethane	50.000	59.397	-18.8	100	0.00
25	T	2-Butanone	250.000	279.612	-11.8	93	0.00
26	T	2,2-Dichloropropane	50.000	40.526	18.9	69	0.00
27	T	cis-1,2-Dichloroethene	50.000	59.661	-19.3	100	0.00
28	T	Bromochloromethane	50.000	61.393	-22.8	116	0.00
29	T	Tetrahydrofuran	250.000	326.654	-30.7#	102	0.00
30	C	Chloroform	50.000	75.936	-51.9#	128	0.00
31	T	Cyclohexane	50.000	51.672	-3.3	97	0.00
32	T	1,1,1-Trichloroethane	50.000	56.921	-13.8	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	75.008	-50.0#	135	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	68.477	-37.0#	127	0.00
36	T	1,1-Dichloropropene	50.000	54.643	-9.3	98	0.00
37	T	Ethyl Acetate	50.000	61.415	-22.8	104	0.00
38	T	Carbon Tetrachloride	50.000	52.358	-4.7	95	0.00
39	T	Methylcyclohexane	50.000	52.612	-5.2	98	0.00
40	TM	Benzene	50.000	58.071	-16.1	101	0.00
41	T	Methacrylonitrile	50.000	61.477	-23.0	105	0.00
42	TM	1,2-Dichloroethane	50.000	59.081	-18.2	107	0.00
43	T	Isopropyl Acetate	50.000	60.322	-20.6	103	0.00
44	TM	Trichloroethene	50.000	54.912	-9.8	98	0.00
45	C	1,2-Dichloropropane	50.000	59.635	-19.3#	102	0.00
46	T	Dibromomethane	50.000	59.177	-18.4	105	0.00
47	T	Bromodichloromethane	50.000	69.865	-39.7#	122	0.00
48	T	Methyl methacrylate	50.000	64.515	-29.0#	109	0.00

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Quant Title : SW846 8260
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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	1259.797	-26.0#	108	0.00
50	S	Toluene-d8	50.000	72.559	-45.1#	132	0.00
51	T	4-Methyl-2-Pentanone	250.000	319.982	-28.0#	105	0.00
52	CM	Toluene	50.000	59.116	-18.2#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	56.868	-13.7	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.171	-12.3	96	0.00
55	T	1,1,2-Trichloroethane	50.000	61.312	-22.6	106	0.00
56	T	Ethyl methacrylate	50.000	66.492	-33.0#	109	0.00
57	T	1,3-Dichloropropane	50.000	62.060	-24.1	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	381.980	-52.8#	146	0.00
59	T	2-Hexanone	250.000	307.304	-22.9	100	0.00
60	T	Dibromochloromethane	50.000	66.178	-32.4#	113	0.00
61	T	1,2-Dibromoethane	50.000	60.764	-21.5	106	0.00
62	S	4-Bromofluorobenzene	50.000	76.604	-53.2#	134	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	67.931	-35.9#	131	0.00
65	PM	Chlorobenzene	50.000	55.244	-10.5	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.607	-11.2	102	0.00
67	C	Ethyl Benzene	50.000	55.563	-11.1#	101	0.00
68	T	m/p-Xylenes	100.000	111.923	-11.9	100	0.00
69	T	o-Xylene	50.000	59.062	-18.1	106	0.00
70	T	Styrene	50.000	59.689	-19.4	104	0.00
71	P	Bromoform	50.000	60.032	-20.1	109	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	53.554	-7.1	102	0.00
74	T	N-amyl acetate	50.000	58.745	-17.5	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.449	-10.9	109	0.00
76	T	1,2,3-Trichloropropane	50.000	59.608	-19.2	123	0.00
77	T	Bromobenzene	50.000	54.856	-9.7	103	0.00
78	T	n-propylbenzene	50.000	53.764	-7.5	101	0.00
79	T	2-Chlorotoluene	50.000	54.617	-9.2	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.649	-9.3	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.462	11.1	90	0.00
82	T	4-Chlorotoluene	50.000	54.680	-9.4	103	0.00
83	T	tert-Butylbenzene	50.000	53.413	-6.8	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.061	-12.1	102	0.00
85	T	sec-Butylbenzene	50.000	53.591	-7.2	102	0.00
86	T	p-Isopropyltoluene	50.000	54.111	-8.2	101	0.00
87	T	1,3-Dichlorobenzene	50.000	54.827	-9.7	105	0.00
88	T	1,4-Dichlorobenzene	50.000	55.595	-11.2	107	0.00
89	T	n-Butylbenzene	50.000	52.989	-6.0	100	0.00
90	T	Hexachloroethane	50.000	52.954	-5.9	102	0.00
91	T	1,2-Dichlorobenzene	50.000	55.953	-11.9	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.384	-16.8	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.575	-11.2	103	0.00
94	T	Hexachlorobutadiene	50.000	50.968	-1.9	101	0.00
95	T	Naphthalene	50.000	59.468	-18.9	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.188	-12.4	105	0.00

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