Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
Data File : VD078037.D
Acq On : 21 Dec 2023 20:16
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 22 05:37:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 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	74	0.00
2	T	Dichlorodifluoromethane	50.000	38.277	23.4	59	0.00
3	P	Chloromethane	50.000	47.360	5.3	72	0.00
4	C	Vinyl Chloride	50.000	49.708	0.6#	72	0.00
5	T	Bromomethane	50.000	69.774	-39.5#	100	0.00
6	T	Chloroethane	50.000	54.072	-8.1	79	0.00
7	T	Trichlorofluoromethane	50.000	45.880	8.2	67	0.00
8	T	Diethyl Ether	50.000	48.557	2.9	70	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.241	7.5	67	0.01
10	T	Methyl Iodide	50.000	63.085	-26.2#	96	0.00
11	T	Tert butyl alcohol	250.000	210.859	15.7	65	0.00
12	CM	1,1-Dichloroethene	50.000	47.781	4.4#	69	0.00
13	T	Acrolein	250.000	135.388	45.8#	41	0.00
14	T	Allyl chloride	50.000	45.715	8.6	67	0.00
15	T	Acrylonitrile	250.000	243.209	2.7	72	0.00
16	T	Acetone	250.000	193.955	22.4	64	0.00
17	T	Carbon Disulfide	50.000	39.432	21.1	58	0.00
18	T	Methyl Acetate	50.000	54.426	-8.9	80	0.00
19	T	Methyl tert-butyl Ether	50.000	51.292	-2.6	75	0.00
20	T	Methylene Chloride	50.000	53.236	-6.5	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.543	-1.1	71	0.00
22	T	Diisopropyl ether	50.000	48.815	2.4	70	0.00
23	T	Vinyl Acetate	250.000	206.997	17.2	59	0.00
24	P	1,1-Dichloroethane	50.000	52.389	-4.8	76	0.00
25	T	2-Butanone	250.000	210.395	15.8	67	0.00
26	T	2,2-Dichloropropane	50.000	49.609	0.8	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.347	-8.7	77	0.00
28	T	Bromochloromethane	50.000	55.632	-11.3	80	0.00
29	T	Tetrahydrofuran	250.000	221.682	11.3	66	0.00
30	C	Chloroform	50.000	53.501	-7.0#	77	0.00
31	T	Cyclohexane	50.000	39.087	21.8	58	0.00
32	T	1,1,1-Trichloroethane	50.000	51.168	-2.3	73	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.576	2.8	70	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	53.257	-6.5	79	0.00
36	T	1,1-Dichloropropene	50.000	47.040	5.9	69	0.00
37	T	Ethyl Acetate	50.000	37.654	24.7	63	0.00
38	T	Carbon Tetrachloride	50.000	48.026	3.9	70	0.00
39	T	Methylcyclohexane	50.000	43.785	12.4	62	0.00
40	TM	Benzene	50.000	50.183	-0.4	74	0.00
41	T	Methacrylonitrile	50.000	55.769	-11.5	91	-0.01
42	TM	1,2-Dichloroethane	50.000	50.730	-1.5	75	0.00
43	T	Isopropyl Acetate	50.000	42.582	14.8	65	0.00
44	TM	Trichloroethene	50.000	51.989	-4.0	75	0.00
45	C	1,2-Dichloropropane	50.000	51.721	-3.4#	77	0.00
46	T	Dibromomethane	50.000	51.710	-3.4	76	0.00
47	T	Bromodichloromethane	50.000	53.952	-7.9	79	0.00
48	T	Methyl methacrylate	50.000	42.665	14.7	64	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	906.443	9.4	77	0.01
50	S	Toluene-d8	50.000	50.285	-0.6	72	0.00
51	T	4-Methyl-2-Pentanone	250.000	222.891	10.8	67	0.00
52	CM	Toluene	50.000	52.153	-4.3#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	51.606	-3.2	75	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.731	-3.5	75	0.00
55	T	1,1,2-Trichloroethane	50.000	54.695	-9.4	81	0.00
56	T	Ethyl methacrylate	50.000	49.548	0.9	73	0.00
57	T	1,3-Dichloropropane	50.000	52.488	-5.0	77	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	217.593	13.0	70	0.00
59	T	2-Hexanone	250.000	186.980	25.2#	64	0.00
60	T	Dibromochloromethane	50.000	54.864	-9.7	81	0.00
61	T	1,2-Dibromoethane	50.000	52.328	-4.7	79	0.00
62	S	4-Bromofluorobenzene	50.000	52.286	-4.6	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
64	T	Tetrachloroethene	50.000	51.155	-2.3	74	0.00
65	PM	Chlorobenzene	50.000	51.035	-2.1	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.384	-8.8	80	0.00
67	C	Ethyl Benzene	50.000	52.129	-4.3#	75	0.00
68	T	m/p-Xylenes	100.000	105.339	-5.3	75	0.00
69	T	o-Xylene	50.000	53.351	-6.7	76	0.00
70	T	Styrene	50.000	55.241	-10.5	78	0.00
71	P	Bromoform	50.000	53.463	-6.9	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	51.418	-2.8	75	0.00
74	T	N-amyl acetate	50.000	41.001	18.0	64	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.271	-0.5	76	0.00
76	T	1,2,3-Trichloropropane	50.000	52.623	-5.2	70	0.00
77	T	Bromobenzene	50.000	51.285	-2.6	78	0.00
78	T	n-propylbenzene	50.000	50.885	-1.8	74	0.00
79	T	2-Chlorotoluene	50.000	50.903	-1.8	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.892	-3.8	75	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.561	4.9	73	0.00
82	T	4-Chlorotoluene	50.000	52.614	-5.2	78	0.00
83	T	tert-Butylbenzene	50.000	53.276	-6.6	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.140	-6.3	77	0.00
85	T	sec-Butylbenzene	50.000	52.445	-4.9	76	0.00
86	T	p-Isopropyltoluene	50.000	52.922	-5.8	75	0.00
87	T	1,3-Dichlorobenzene	50.000	52.406	-4.8	77	0.00
88	T	1,4-Dichlorobenzene	50.000	51.437	-2.9	77	0.00
89	T	n-Butylbenzene	50.000	51.419	-2.8	73	0.00
90	T	Hexachloroethane	50.000	55.928	-11.9	82	0.00
91	T	1,2-Dichlorobenzene	50.000	52.520	-5.0	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.139	3.7	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.095	7.8	73	0.00
94	T	Hexachlorobutadiene	50.000	46.881	6.2	69	0.00
95	T	Naphthalene	50.000	50.026	-0.1	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.846	2.3	75	0.00

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