Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
Data File : VD078383.D
Acq On : 09 Feb 2024 11:55
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 09 22:58:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
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	111	0.00
2	T	Dichlorodifluoromethane	50.000	51.663	-3.3	111	0.00
3	P	Chloromethane	50.000	49.690	0.6	116	0.00
4	C	Vinyl Chloride	50.000	49.712	0.6#	113	0.00
5	T	Bromomethane	50.000	42.352	15.3	105	0.00
6	T	Chloroethane	50.000	47.268	5.5	112	0.00
7	T	Trichlorofluoromethane	50.000	47.727	4.5	110	0.00
8	T	Diethyl Ether	50.000	48.163	3.7	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.609	6.8	112	0.00
10	T	Methyl Iodide	50.000	47.827	4.3	100	-0.01
11	T	Tert butyl alcohol	250.000	215.609	13.8	108	0.00
12	CM	1,1-Dichloroethene	50.000	45.872	8.3#	106	0.00
13	T	Acrolein	250.000	134.159	46.3#	68	0.00
14	T	Allyl chloride	50.000	45.872	8.3	103	0.00
15	T	Acrylonitrile	250.000	222.441	11.0	101	0.00
16	T	Acetone	250.000	229.220	8.3	99	0.00
17	T	Carbon Disulfide	50.000	42.950	14.1	100	0.00
18	T	Methyl Acetate	50.000	50.958	-1.9	101	0.00
19	T	Methyl tert-butyl Ether	50.000	47.449	5.1	103	-0.01
20	T	Methylene Chloride	50.000	48.002	4.0	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.484	7.0	104	0.00
22	T	Diisopropyl ether	50.000	47.786	4.4	104	0.00
23	T	Vinyl Acetate	250.000	229.351	8.3	102	0.00
24	P	1,1-Dichloroethane	50.000	46.964	6.1	107	0.00
25	T	2-Butanone	250.000	221.429	11.4	103	0.00
26	T	2,2-Dichloropropane	50.000	49.012	2.0	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.080	5.8	105	0.00
28	T	Bromochloromethane	50.000	35.125	29.8#	77	0.00
29	T	Tetrahydrofuran	250.000	222.268	11.1	97	0.01
30	C	Chloroform	50.000	47.255	5.5#	106	-0.01
31	T	Cyclohexane	50.000	43.936	12.1	102	0.00
32	T	1,1,1-Trichloroethane	50.000	49.340	1.3	111	0.00
33	S	1,2-Dichloroethane-d4	50.000	39.358	21.3	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	106	0.00
35	S	Dibromofluoromethane	50.000	41.998	16.0	90	0.00
36	T	1,1-Dichloropropene	50.000	50.988	-2.0	109	0.00
37	T	Ethyl Acetate	50.000	42.841	14.3	98	0.00
38	T	Carbon Tetrachloride	50.000	51.646	-3.3	112	0.00
39	T	Methylcyclohexane	50.000	49.184	1.6	104	0.00
40	TM	Benzene	50.000	48.658	2.7	104	0.00
41	T	Methacrylonitrile	50.000	45.252	9.5	91	0.00
42	TM	1,2-Dichloroethane	50.000	49.085	1.8	108	0.00
43	T	Isopropyl Acetate	50.000	49.443	1.1	103	0.00
44	TM	Trichloroethene	50.000	51.532	-3.1	111	0.00
45	C	1,2-Dichloropropane	50.000	48.477	3.0#	104	0.00
46	T	Dibromomethane	50.000	47.026	5.9	101	0.00
47	T	Bromodichloromethane	50.000	49.337	1.3	104	0.00
48	T	Methyl methacrylate	50.000	51.975	-4.0	108	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	942.204	5.8	103	0.00
50	S	Toluene-d8	50.000	41.464	17.1	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	244.060	2.4	102	0.00
52	CM	Toluene	50.000	51.247	-2.5#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	49.734	0.5	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.178	-2.4	108	0.00
55	T	1,1,2-Trichloroethane	50.000	50.438	-0.9	104	0.00
56	T	Ethyl methacrylate	50.000	50.782	-1.6	101	0.00
57	T	1,3-Dichloropropane	50.000	49.480	1.0	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	222.153	11.1	89	0.00
59	T	2-Hexanone	250.000	242.598	3.0	104	0.00
60	T	Dibromochloromethane	50.000	51.286	-2.6	108	0.00
61	T	1,2-Dibromoethane	50.000	49.500	1.0	106	0.00
62	S	4-Bromofluorobenzene	50.000	42.877	14.2	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	53.062	-6.1	113	0.00
65	PM	Chlorobenzene	50.000	49.811	0.4	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.742	-3.5	111	0.00
67	C	Ethyl Benzene	50.000	52.394	-4.8#	108	0.00
68	T	m/p-Xylenes	100.000	106.329	-6.3	110	0.00
69	T	o-Xylene	50.000	53.436	-6.9	108	0.00
70	T	Styrene	50.000	53.176	-6.4	107	0.00
71	P	Bromoform	50.000	53.586	-7.2	113	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	51.589	-3.2	108	0.00
74	T	N-amyl acetate	50.000	48.933	2.1	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.137	3.7	105	0.00
76	T	1,2,3-Trichloropropane	50.000	47.762	4.5	120	0.00
77	T	Bromobenzene	50.000	50.760	-1.5	111	0.00
78	T	n-propylbenzene	50.000	52.244	-4.5	108	0.00
79	T	2-Chlorotoluene	50.000	51.451	-2.9	108	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.497	-7.0	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.164	7.7	97	0.00
82	T	4-Chlorotoluene	50.000	51.164	-2.3	109	0.00
83	T	tert-Butylbenzene	50.000	54.159	-8.3	114	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.007	-6.0	109	0.00
85	T	sec-Butylbenzene	50.000	52.189	-4.4	110	0.00
86	T	p-Isopropyltoluene	50.000	53.974	-7.9	113	0.00
87	T	1,3-Dichlorobenzene	50.000	52.818	-5.6	111	0.00
88	T	1,4-Dichlorobenzene	50.000	50.915	-1.8	109	0.00
89	T	n-Butylbenzene	50.000	53.098	-6.2	113	0.00
90	T	Hexachloroethane	50.000	51.641	-3.3	110	0.00
91	T	1,2-Dichlorobenzene	50.000	51.051	-2.1	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.927	2.1	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.729	-3.5	111	0.00
94	T	Hexachlorobutadiene	50.000	56.514	-13.0	121	0.00
95	T	Naphthalene	50.000	52.449	-4.9	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.324	-4.6	111	0.00

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