Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
Data File : VD078954.D
Acq On : 16 May 2024 19:06
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 17 06:13:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	44.805	10.4	94	0.00
3	P	Chloromethane	50.000	50.038	-0.1	95	0.00
4	C	Vinyl Chloride	50.000	50.556	-1.1#	100	0.00
5	T	Bromomethane	50.000	45.051	9.9	95	0.00
6	T	Chloroethane	50.000	46.553	6.9	97	0.00
7	T	Trichlorofluoromethane	50.000	39.890	20.2	79	0.00
8	T	Diethyl Ether	50.000	48.999	2.0	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.687	6.6	96	0.00
10	T	Methyl Iodide	50.000	47.904	4.2	92	0.00
11	T	Tert butyl alcohol	250.000	241.059	3.6	96	-0.01
12	CM	1,1-Dichloroethene	50.000	46.721	6.6#	97	0.00
13	T	Acrolein	250.000	214.802	14.1	75	0.00
14	T	Allyl chloride	50.000	48.651	2.7	97	0.00
15	T	Acrylonitrile	250.000	244.611	2.2	100	0.00
16	T	Acetone	250.000	221.028	11.6	78	-0.01
17	T	Carbon Disulfide	50.000	45.628	8.7	90	0.00
18	T	Methyl Acetate	50.000	56.840	-13.7	118	0.00
19	T	Methyl tert-butyl Ether	50.000	50.052	-0.1	96	0.00
20	T	Methylene Chloride	50.000	57.650	-15.3	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.439	5.1	96	-0.01
22	T	Diisopropyl ether	50.000	52.226	-4.5	98	0.00
23	T	Vinyl Acetate	250.000	244.505	2.2	93	0.00
24	P	1,1-Dichloroethane	50.000	48.274	3.5	98	0.00
25	T	2-Butanone	250.000	229.583	8.2	86	0.00
26	T	2,2-Dichloropropane	50.000	46.179	7.6	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.413	1.2	99	0.00
28	T	Bromochloromethane	50.000	58.942	-17.9	112	0.00
29	T	Tetrahydrofuran	250.000	250.179	-0.1	99	0.00
30	C	Chloroform	50.000	48.377	3.2#	99	0.00
31	T	Cyclohexane	50.000	42.792	14.4	90	0.00
32	T	1,1,1-Trichloroethane	50.000	47.747	4.5	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.873	-3.7	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	50.954	-1.9	100	0.00
36	T	1,1-Dichloropropene	50.000	47.215	5.6	97	0.00
37	T	Ethyl Acetate	50.000	45.763	8.5	95	0.00
38	T	Carbon Tetrachloride	50.000	45.174	9.7	93	0.00
39	T	Methylcyclohexane	50.000	47.490	5.0	96	0.00
40	TM	Benzene	50.000	47.317	5.4	96	0.00
41	T	Methacrylonitrile	50.000	45.233	9.5	100	0.00
42	TM	1,2-Dichloroethane	50.000	47.235	5.5	99	0.00
43	T	Isopropyl Acetate	50.000	48.780	2.4	95	0.00
44	TM	Trichloroethene	50.000	46.234	7.5	98	0.00
45	C	1,2-Dichloropropane	50.000	49.119	1.8#	100	0.00
46	T	Dibromomethane	50.000	47.176	5.6	100	0.00
47	T	Bromodichloromethane	50.000	48.288	3.4	99	0.00
48	T	Methyl methacrylate	50.000	50.890	-1.8	106	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	943.381	5.7	85	-0.01
50	S	Toluene-d8	50.000	53.675	-7.3	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.939	0.4	97	0.00
52	CM	Toluene	50.000	49.582	0.8#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	50.143	-0.3	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.547	0.9	98	0.00
55	T	1,1,2-Trichloroethane	50.000	48.818	2.4	100	0.00
56	T	Ethyl methacrylate	50.000	51.901	-3.8	97	0.00
57	T	1,3-Dichloropropane	50.000	50.303	-0.6	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.596	-6.6	95	0.00
59	T	2-Hexanone	250.000	257.699	-3.1	92	0.00
60	T	Dibromochloromethane	50.000	49.598	0.8	99	0.00
61	T	1,2-Dibromoethane	50.000	51.061	-2.1	100	0.00
62	S	4-Bromofluorobenzene	50.000	58.829	-17.7	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	44.357	11.3	101	0.00
65	PM	Chlorobenzene	50.000	46.649	6.7	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.039	5.9	107	0.00
67	C	Ethyl Benzene	50.000	47.640	4.7#	104	0.00
68	T	m/p-Xylenes	100.000	96.345	3.7	102	0.00
69	T	o-Xylene	50.000	49.928	0.1	103	0.00
70	T	Styrene	50.000	49.808	0.4	104	0.00
71	P	Bromoform	50.000	46.644	6.7	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	49.988	0.0	106	0.00
74	T	N-amyl acetate	50.000	47.397	5.2	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.113	7.8	102	0.00
76	T	1,2,3-Trichloropropane	50.000	44.439	11.1	81	0.00
77	T	Bromobenzene	50.000	48.061	3.9	106	0.00
78	T	n-propylbenzene	50.000	48.530	2.9	102	0.00
79	T	2-Chlorotoluene	50.000	48.163	3.7	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.626	0.7	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.174	3.7	103	0.00
82	T	4-Chlorotoluene	50.000	48.286	3.4	102	0.00
83	T	tert-Butylbenzene	50.000	51.100	-2.2	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.634	0.7	106	0.00
85	T	sec-Butylbenzene	50.000	49.857	0.3	105	0.00
86	T	p-Isopropyltoluene	50.000	50.151	-0.3	107	0.00
87	T	1,3-Dichlorobenzene	50.000	46.728	6.5	103	0.00
88	T	1,4-Dichlorobenzene	50.000	45.892	8.2	101	0.00
89	T	n-Butylbenzene	50.000	50.232	-0.5	108	0.00
90	T	Hexachloroethane	50.000	46.278	7.4	104	0.00
91	T	1,2-Dichlorobenzene	50.000	47.065	5.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.974	-3.9	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.601	-7.2	117	0.00
94	T	Hexachlorobutadiene	50.000	47.453	5.1	109	0.00
95	T	Naphthalene	50.000	59.972	-19.9	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.276	-4.6	118	0.00

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