Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
Data File : VD079408.D
Acq On : 26 Jul 2024 14:00
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 27 03:31:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 26 12:23:49 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	110	0.00
2	T	Dichlorodifluoromethane	50.000	54.472	-8.9	111	0.00
3	P	Chloromethane	50.000	56.844	-13.7	151	0.00
4	C	Vinyl Chloride	50.000	61.741	-23.5#	173	0.00
5	T	Bromomethane	50.000	58.455	-16.9	180	0.00
6	T	Chloroethane	50.000	72.483	-45.0#	243	0.00
7	T	Trichlorofluoromethane	50.000	53.069	-6.1	116	0.00
8	T	Diethyl Ether	50.000	46.807	6.4	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.937	-3.9	110	0.01
10	T	Methyl Iodide	50.000	45.250	9.5	91	0.00
11	T	Tert butyl alcohol	250.000	219.682	12.1	112	0.00
12	CM	1,1-Dichloroethene	50.000	51.233	-2.5#	110	0.00
13	T	Acrolein	250.000	196.821	21.3	106	0.00
14	T	Allyl chloride	50.000	51.472	-2.9	137	0.00
15	T	Acrylonitrile	250.000	234.122	6.4	117	0.00
16	T	Acetone	250.000	264.567	-5.8	139	0.00
17	T	Carbon Disulfide	50.000	51.045	-2.1	115	0.00
18	T	Methyl Acetate	50.000	45.054	9.9	126	0.00
19	T	Methyl tert-butyl Ether	50.000	46.594	6.8	110	0.00
20	T	Methylene Chloride	50.000	43.849	12.3	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.682	-1.4	107	0.00
22	T	Diisopropyl ether	50.000	49.859	0.3	123	0.00
23	T	Vinyl Acetate	250.000	246.207	1.5	124	0.00
24	P	1,1-Dichloroethane	50.000	50.540	-1.1	121	0.00
25	T	2-Butanone	250.000	238.426	4.6	118	0.00
26	T	2,2-Dichloropropane	50.000	50.885	-1.8	113	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.432	5.1	101	0.00
28	T	Bromochloromethane	50.000	50.591	-1.2	116	0.00
29	T	Tetrahydrofuran	250.000	228.487	8.6	110	0.00
30	C	Chloroform	50.000	48.066	3.9#	99	0.00
31	T	Cyclohexane	50.000	50.170	-0.3	107	0.00
32	T	1,1,1-Trichloroethane	50.000	49.901	0.2	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.659	8.7	104	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	46.453	7.1	102	0.00
36	T	1,1-Dichloropropene	50.000	50.522	-1.0	108	0.00
37	T	Ethyl Acetate	50.000	44.463	11.1	108	0.00
38	T	Carbon Tetrachloride	50.000	48.995	2.0	104	0.00
39	T	Methylcyclohexane	50.000	50.183	-0.4	108	0.00
40	TM	Benzene	50.000	49.042	1.9	106	0.00
41	T	Methacrylonitrile	50.000	46.700	6.6	113	0.00
42	TM	1,2-Dichloroethane	50.000	47.193	5.6	98	0.00
43	T	Isopropyl Acetate	50.000	46.292	7.4	100	0.00
44	TM	Trichloroethene	50.000	48.668	2.7	104	0.00
45	C	1,2-Dichloropropane	50.000	47.166	5.7#	99	0.00
46	T	Dibromomethane	50.000	47.067	5.9	102	0.00
47	T	Bromodichloromethane	50.000	47.938	4.1	101	0.00
48	T	Methyl methacrylate	50.000	46.384	7.2	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	907.432	9.3	99	0.00
50	S	Toluene-d8	50.000	47.507	5.0	109	0.00
51	T	4-Methyl-2-Pentanone	250.000	224.239	10.3	95	0.00
52	CM	Toluene	50.000	48.622	2.8#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	47.199	5.6	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.804	4.4	103	0.00
55	T	1,1,2-Trichloroethane	50.000	46.199	7.6	98	0.00
56	T	Ethyl methacrylate	50.000	45.191	9.6	98	0.00
57	T	1,3-Dichloropropane	50.000	46.986	6.0	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.813	9.3	101	0.00
59	T	2-Hexanone	250.000	235.548	5.8	101	0.00
60	T	Dibromochloromethane	50.000	46.887	6.2	101	0.00
61	T	1,2-Dibromoethane	50.000	46.671	6.7	99	0.00
62	S	4-Bromofluorobenzene	50.000	45.327	9.3	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	108	0.00
64	T	Tetrachloroethene	50.000	50.867	-1.7	104	0.00
65	PM	Chlorobenzene	50.000	49.043	1.9	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.560	4.9	100	0.00
67	C	Ethyl Benzene	50.000	49.215	1.6#	103	0.00
68	T	m/p-Xylenes	100.000	99.177	0.8	105	0.00
69	T	o-Xylene	50.000	47.223	5.6	101	0.00
70	T	Styrene	50.000	48.297	3.4	102	0.00
71	P	Bromoform	50.000	46.898	6.2	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	52.473	-4.9	106	0.00
74	T	N-amyl acetate	50.000	49.405	1.2	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.344	-2.7	100	0.00
76	T	1,2,3-Trichloropropane	50.000	50.085	-0.2	98	0.00
77	T	Bromobenzene	50.000	50.192	-0.4	101	0.00
78	T	n-propylbenzene	50.000	53.036	-6.1	104	0.00
79	T	2-Chlorotoluene	50.000	51.299	-2.6	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.039	-4.1	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.938	-3.9	102	0.00
82	T	4-Chlorotoluene	50.000	52.822	-5.6	104	0.00
83	T	tert-Butylbenzene	50.000	52.021	-4.0	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.604	-3.2	103	0.00
85	T	sec-Butylbenzene	50.000	53.190	-6.4	106	0.00
86	T	p-Isopropyltoluene	50.000	52.700	-5.4	107	0.00
87	T	1,3-Dichlorobenzene	50.000	51.160	-2.3	102	0.00
88	T	1,4-Dichlorobenzene	50.000	51.223	-2.4	103	0.00
89	T	n-Butylbenzene	50.000	53.479	-7.0	108	0.00
90	T	Hexachloroethane	50.000	52.889	-5.8	105	0.00
91	T	1,2-Dichlorobenzene	50.000	50.699	-1.4	100	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.908	8.2	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.948	0.1	102	0.00
94	T	Hexachlorobutadiene	50.000	54.305	-8.6	108	0.00
95	T	Naphthalene	50.000	48.241	3.5	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.297	1.4	99	0.00

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