Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061623\
Data File : VD076454.D
Acq On : 16 Jun 2023 13:57
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Jun 19 05:40:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 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	177	0.00
2	T	Dichlorodifluoromethane	50.000	40.588	18.8	159	0.00
3	P	Chloromethane	50.000	38.151	23.7	143	0.00
4	C	Vinyl Chloride	50.000	39.135	21.7#	143	0.00
5	T	Bromomethane	50.000	38.925	22.2	152	0.00
6	T	Chloroethane	50.000	38.694	22.6	143	0.00
7	T	Trichlorofluoromethane	50.000	39.483	21.0	156	0.00
8	T	Diethyl Ether	50.000	37.850	24.3	132	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	39.812	20.4	154	0.00
10	T	Methyl Iodide	50.000	41.806	16.4	143	0.00
11	T	Tert butyl alcohol	250.000	163.454	34.6#	122	0.00
12	CM	1,1-Dichloroethene	50.000	40.241	19.5#	150	0.00
13	T	Acrolein	250.000	228.189	8.7	167	0.00
14	T	Allyl chloride	50.000	39.906	20.2	143	0.00
15	T	Acrylonitrile	250.000	181.192	27.5#	123	0.00
16	T	Acetone	250.000	200.624	19.8	131	0.00
17	T	Carbon Disulfide	50.000	40.910	18.2	149	0.00
18	T	Methyl Acetate	50.000	35.994	28.0#	123	0.00
19	T	Methyl tert-butyl Ether	50.000	38.071	23.9	131	0.00
20	T	Methylene Chloride	50.000	35.787	28.4#	126	0.00
21	T	trans-1,2-Dichloroethene	50.000	40.332	19.3	145	-0.01
22	T	Diisopropyl ether	50.000	39.590	20.8	136	0.00
23	T	Vinyl Acetate	250.000	199.377	20.2	133	0.00
24	P	1,1-Dichloroethane	50.000	40.253	19.5	142	-0.01
25	T	2-Butanone	250.000	193.240	22.7	131	0.00
26	T	2,2-Dichloropropane	50.000	39.820	20.4	146	0.00
27	T	cis-1,2-Dichloroethene	50.000	39.835	20.3	138	0.00
28	T	Bromochloromethane	50.000	37.884	24.2	132	0.00
29	T	Tetrahydrofuran	250.000	181.692	27.3#	124	0.00
30	C	Chloroform	50.000	39.052	21.9#	138	0.00
31	T	Cyclohexane	50.000	40.598	18.8	153	0.00
32	T	1,1,1-Trichloroethane	50.000	40.458	19.1	148	0.00
33	S	1,2-Dichloroethane-d4	50.000	39.102	21.8	138	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	173	0.00
35	S	Dibromofluoromethane	50.000	41.671	16.7	145	0.00
36	T	1,1-Dichloropropene	50.000	40.000	20.0	149	0.00
37	T	Ethyl Acetate	50.000	35.796	28.4#	128	0.00
38	T	Carbon Tetrachloride	50.000	41.306	17.4	151	0.00
39	T	Methylcyclohexane	50.000	40.868	18.3	155	0.00
40	TM	Benzene	50.000	40.052	19.9	142	0.00
41	T	Methacrylonitrile	50.000	39.093	21.8	131	0.00
42	TM	1,2-Dichloroethane	50.000	38.400	23.2	130	0.00
43	T	Isopropyl Acetate	50.000	37.335	25.3#	128	0.00
44	TM	Trichloroethene	50.000	39.565	20.9	144	0.00
45	C	1,2-Dichloropropane	50.000	39.229	21.5#	137	0.00
46	T	Dibromomethane	50.000	38.500	23.0	131	0.00
47	T	Bromodichloromethane	50.000	38.912	22.2	136	0.00
48	T	Methyl methacrylate	50.000	38.383	23.2	129	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	788.424	21.2	139	0.00
50	S	Toluene-d8	50.000	41.597	16.8	145	0.00
51	T	4-Methyl-2-Pentanone	250.000	187.911	24.8	126	0.00
52	CM	Toluene	50.000	39.490	21.0#	140	0.00
53	T	t-1,3-Dichloropropene	50.000	39.006	22.0	130	0.00
54	T	cis-1,3-Dichloropropene	50.000	39.514	21.0	137	0.00
55	T	1,1,2-Trichloroethane	50.000	38.858	22.3	135	0.00
56	T	Ethyl methacrylate	50.000	39.206	21.6	131	0.00
57	T	1,3-Dichloropropane	50.000	38.353	23.3	132	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	193.528	22.6	138	0.00
59	T	2-Hexanone	250.000	193.200	22.7	128	0.00
60	T	Dibromochloromethane	50.000	39.862	20.3	136	0.00
61	T	1,2-Dibromoethane	50.000	38.505	23.0	133	0.00
62	S	4-Bromofluorobenzene	50.000	40.170	19.7	139	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	167	0.00
64	T	Tetrachloroethene	50.000	42.066	15.9	148	0.00
65	PM	Chlorobenzene	50.000	40.691	18.6	136	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	41.676	16.6	138	0.00
67	C	Ethyl Benzene	50.000	42.130	15.7#	145	0.00
68	T	m/p-Xylenes	100.000	83.867	16.1	145	0.00
69	T	o-Xylene	50.000	42.119	15.8	143	0.00
70	T	Styrene	50.000	40.883	18.2	140	0.00
71	P	Bromoform	50.000	39.428	21.1	126	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	164	0.00
73	T	Isopropylbenzene	50.000	41.541	16.9	144	0.00
74	T	N-amyl acetate	50.000	39.673	20.7	129	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	37.519	25.0	121	0.00
76	T	1,2,3-Trichloropropane	50.000	66.679	-33.4#	236	0.00
77	T	Bromobenzene	50.000	39.973	20.1	137	0.00
78	T	n-propylbenzene	50.000	41.461	17.1	145	0.00
79	T	2-Chlorotoluene	50.000	40.603	18.8	139	0.00
80	T	1,3,5-Trimethylbenzene	50.000	41.357	17.3	142	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.361	17.3	132	0.00
82	T	4-Chlorotoluene	50.000	40.808	18.4	139	0.00
83	T	tert-Butylbenzene	50.000	41.325	17.3	146	0.00
84	T	1,2,4-Trimethylbenzene	50.000	41.369	17.3	140	0.00
85	T	sec-Butylbenzene	50.000	41.932	16.1	146	0.00
86	T	p-Isopropyltoluene	50.000	42.545	14.9	149	0.00
87	T	1,3-Dichlorobenzene	50.000	40.939	18.1	139	0.00
88	T	1,4-Dichlorobenzene	50.000	39.870	20.3	138	0.00
89	T	n-Butylbenzene	50.000	41.381	17.2	145	0.00
90	T	Hexachloroethane	50.000	41.713	16.6	144	0.00
91	T	1,2-Dichlorobenzene	50.000	40.379	19.2	137	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	38.229	23.5	128	0.00
93	T	1,2,4-Trichlorobenzene	50.000	39.852	20.3	136	0.00
94	T	Hexachlorobutadiene	50.000	40.120	19.8	143	0.00
95	T	Naphthalene	50.000	38.734	22.5	127	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.321	19.4	136	0.00

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