Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
Data File : VD074421.D
Acq On : 26 Sep 2022 15:35
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD092622

Quant Time: Sep 27 03:24:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 03:19:14 2022
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	108	0.00
2	T	Dichlorodifluoromethane	50.000	44.979	10.0	108	0.00
3	P	Chloromethane	50.000	48.098	3.8	106	0.00
4	C	Vinyl Chloride	50.000	48.993	2.0#	115	0.00
5	T	Bromomethane	50.000	50.599	-1.2	140	0.00
6	T	Chloroethane	50.000	51.074	-2.1	113	0.00
7	T	Trichlorofluoromethane	50.000	49.658	0.7	114	0.00
8	T	Diethyl Ether	50.000	50.188	-0.4	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.732	-1.5	114	0.00
10	T	Methyl Iodide	50.000	44.442	11.1	110	0.00
11	T	Tert butyl alcohol	250.000	227.348	9.1	107	0.01
12	CM	1,1-Dichloroethene	50.000	48.263	3.5#	108	0.00
13	T	Acrolein	250.000	210.301	15.9	101	0.00
14	T	Allyl chloride	50.000	49.101	1.8	106	0.00
15	T	Acrylonitrile	250.000	250.220	-0.1	106	0.00
16	T	Acetone	250.000	229.557	8.2	106	0.00
17	T	Carbon Disulfide	50.000	48.881	2.2	108	0.00
18	T	Methyl Acetate	50.000	48.270	3.5	107	-0.01
19	T	Methyl tert-butyl Ether	50.000	52.688	-5.4	111	0.00
20	T	Methylene Chloride	50.000	48.528	2.9	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.554	-1.1	111	0.00
22	T	Diisopropyl ether	50.000	52.712	-5.4	112	0.00
23	T	Vinyl Acetate	250.000	291.086	-16.4	116	0.00
24	P	1,1-Dichloroethane	50.000	49.403	1.2	107	0.00
25	T	2-Butanone	250.000	248.464	0.6	106	0.00
26	T	2,2-Dichloropropane	50.000	49.508	1.0	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.286	-2.6	111	0.00
28	T	Bromochloromethane	50.000	53.929	-7.9	113	0.00
29	T	Tetrahydrofuran	250.000	262.928	-5.2	109	0.00
30	C	Chloroform	50.000	50.020	-0.0#	109	0.00
31	T	Cyclohexane	50.000	46.383	7.2	111	0.00
32	T	1,1,1-Trichloroethane	50.000	51.431	-2.9	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.788	2.4	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35	S	Dibromofluoromethane	50.000	48.744	2.5	114	0.00
36	T	1,1-Dichloropropene	50.000	47.913	4.2	108	0.00
37	T	Ethyl Acetate	50.000	46.810	6.4	98	0.00
38	T	Carbon Tetrachloride	50.000	51.960	-3.9	114	0.00
39	T	Methylcyclohexane	50.000	48.603	2.8	112	0.00
40	TM	Benzene	50.000	48.796	2.4	108	0.00
41	T	Methacrylonitrile	50.000	47.675	4.7	108	0.00
42	TM	1,2-Dichloroethane	50.000	49.732	0.5	112	0.00
43	T	Isopropyl Acetate	50.000	51.722	-3.4	113	0.00
44	TM	Trichloroethene	50.000	48.248	3.5	109	0.00
45	C	1,2-Dichloropropane	50.000	49.852	0.3#	111	0.00
46	T	Dibromomethane	50.000	50.402	-0.8	111	0.00
47	T	Bromodichloromethane	50.000	49.307	1.4	109	0.00
48	T	Methyl methacrylate	50.000	53.047	-6.1	111	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	930.586	6.9	101	0.00
50	S	Toluene-d8	50.000	50.386	-0.8	115	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.569	-2.2	113	0.00
52	CM	Toluene	50.000	49.884	0.2#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	52.121	-4.2	118	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.435	1.1	110	0.00
55	T	1,1,2-Trichloroethane	50.000	51.402	-2.8	113	0.00
56	T	Ethyl methacrylate	50.000	52.007	-4.0	113	0.00
57	T	1,3-Dichloropropane	50.000	50.053	-0.1	116	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.125	-12.0	135	0.00
59	T	2-Hexanone	250.000	257.821	-3.1	112	0.00
60	T	Dibromochloromethane	50.000	50.193	-0.4	112	0.00
61	T	1,2-Dibromoethane	50.000	50.162	-0.3	114	0.00
62	S	4-Bromofluorobenzene	50.000	45.391	9.2	111	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64	T	Tetrachloroethene	50.000	46.338	7.3	118	0.00
65	PM	Chlorobenzene	50.000	48.654	2.7	113	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.491	1.0	112	0.00
67	C	Ethyl Benzene	50.000	48.432	3.1#	111	0.00
68	T	m/p-Xylenes	100.000	98.086	1.9	110	0.00
69	T	o-Xylene	50.000	49.384	1.2	112	0.00
70	T	Styrene	50.000	49.189	1.6	108	0.00
71	P	Bromoform	50.000	46.813	6.4	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	49.258	1.5	108	0.00
74	T	N-amyl acetate	50.000	49.271	1.5	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.652	4.7	107	0.00
76	T	1,2,3-Trichloropropane	50.000	55.018	-10.0	131	0.00
77	T	Bromobenzene	50.000	49.973	0.1	112	0.00
78	T	n-propylbenzene	50.000	49.955	0.1	110	0.00
79	T	2-Chlorotoluene	50.000	49.716	0.6	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.435	-0.9	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.855	-9.7	122	0.00
82	T	4-Chlorotoluene	50.000	50.708	-1.4	112	0.00
83	T	tert-Butylbenzene	50.000	49.409	1.2	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.831	0.3	109	0.00
85	T	sec-Butylbenzene	50.000	49.739	0.5	110	0.00
86	T	p-Isopropyltoluene	50.000	49.667	0.7	109	0.00
87	T	1,3-Dichlorobenzene	50.000	50.151	-0.3	111	0.00
88	T	1,4-Dichlorobenzene	50.000	49.565	0.9	109	0.00
89	T	n-Butylbenzene	50.000	50.062	-0.1	111	0.00
90	T	Hexachloroethane	50.000	49.248	1.5	111	0.00
91	T	1,2-Dichlorobenzene	50.000	49.547	0.9	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.886	-3.8	116	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.980	6.0	108	0.00
94	T	Hexachlorobutadiene	50.000	45.447	9.1	106	0.00
95	T	Naphthalene	50.000	48.655	2.7	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.821	4.4	108	0.00

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