Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
Data File : VD074187.D
Acq On : 23 Aug 2022 14:48
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD082322

Quant Time: Aug 24 05:47:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	48.458	3.1	95	0.00
3	P	Chloromethane	50.000	54.855	-9.7	102	0.00
4	C	Vinyl Chloride	50.000	54.350	-8.7#	96	0.00
5	T	Bromomethane	50.000	52.970	-5.9	96	0.00
6	T	Chloroethane	50.000	53.421	-6.8	94	0.00
7	T	Trichlorofluoromethane	50.000	52.635	-5.3	97	0.00
8	T	Diethyl Ether	50.000	56.279	-12.6	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.643	-5.3	97	0.00
10	T	Methyl Iodide	50.000	50.293	-0.6	89	0.00
11	T	Tert butyl alcohol	250.000	263.071	-5.2	109	-0.01
12	CM	1,1-Dichloroethene	50.000	54.866	-9.7#	98	0.00
13	T	Acrolein	250.000	238.338	4.7	100	0.01
14	T	Allyl chloride	50.000	55.948	-11.9	99	0.00
15	T	Acrylonitrile	250.000	267.054	-6.8	99	0.00
16	T	Acetone	250.000	274.486	-9.8	97	0.00
17	T	Carbon Disulfide	50.000	53.488	-7.0	97	0.00
18	T	Methyl Acetate	50.000	51.462	-2.9	98	0.00
19	T	Methyl tert-butyl Ether	50.000	54.652	-9.3	101	0.00
20	T	Methylene Chloride	50.000	53.856	-7.7	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.985	-10.0	96	0.00
22	T	Diisopropyl ether	50.000	54.358	-8.7	99	0.00
23	T	Vinyl Acetate	250.000	264.863	-5.9	101	0.00
24	P	1,1-Dichloroethane	50.000	52.377	-4.8	97	0.00
25	T	2-Butanone	250.000	254.771	-1.9	96	0.00
26	T	2,2-Dichloropropane	50.000	51.692	-3.4	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.456	-4.9	95	0.00
28	T	Bromochloromethane	50.000	50.647	-1.3	97	0.00
29	T	Tetrahydrofuran	250.000	263.677	-5.5	97	0.00
30	C	Chloroform	50.000	50.367	-0.7#	93	0.00
31	T	Cyclohexane	50.000	51.849	-3.7	92	0.00
32	T	1,1,1-Trichloroethane	50.000	50.630	-1.3	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.257	13.5	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	45.311	9.4	88	0.00
36	T	1,1-Dichloropropene	50.000	54.795	-9.6	95	0.00
37	T	Ethyl Acetate	50.000	53.027	-6.1	96	0.00
38	T	Carbon Tetrachloride	50.000	53.169	-6.3	94	0.00
39	T	Methylcyclohexane	50.000	51.476	-3.0	94	0.00
40	TM	Benzene	50.000	53.142	-6.3	95	0.00
41	T	Methacrylonitrile	50.000	52.887	-5.8	97	0.00
42	TM	1,2-Dichloroethane	50.000	51.985	-4.0	96	0.00
43	T	Isopropyl Acetate	50.000	51.156	-2.3	96	0.00
44	TM	Trichloroethene	50.000	53.198	-6.4	97	0.00
45	C	1,2-Dichloropropane	50.000	51.842	-3.7#	95	0.00
46	T	Dibromomethane	50.000	52.437	-4.9	95	0.00
47	T	Bromodichloromethane	50.000	51.968	-3.9	95	0.00
48	T	Methyl methacrylate	50.000	53.437	-6.9	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1132.295	-13.2	104	0.00
50	S	Toluene-d8	50.000	45.130	9.7	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.904	-7.2	96	0.00
52	CM	Toluene	50.000	53.495	-7.0#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	55.004	-10.0	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.134	-8.3	96	0.00
55	T	1,1,2-Trichloroethane	50.000	52.668	-5.3	99	0.00
56	T	Ethyl methacrylate	50.000	56.674	-13.3	97	0.00
57	T	1,3-Dichloropropane	50.000	52.917	-5.8	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	227.559	9.0	96	0.00
59	T	2-Hexanone	250.000	274.056	-9.6	94	0.00
60	T	Dibromochloromethane	50.000	51.465	-2.9	94	0.00
61	T	1,2-Dibromoethane	50.000	52.122	-4.2	94	0.00
62	S	4-Bromofluorobenzene	50.000	47.988	4.0	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	53.542	-7.1	98	0.00
65	PM	Chlorobenzene	50.000	51.000	-2.0	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.947	-1.9	96	0.00
67	C	Ethyl Benzene	50.000	53.984	-8.0#	96	0.00
68	T	m/p-Xylenes	100.000	107.740	-7.7	94	0.00
69	T	o-Xylene	50.000	54.414	-8.8	95	0.00
70	T	Styrene	50.000	54.046	-8.1	94	0.00
71	P	Bromoform	50.000	50.416	-0.8	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	53.818	-7.6	95	0.00
74	T	N-amyl acetate	50.000	52.180	-4.4	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.844	0.3	95	0.00
76	T	1,2,3-Trichloropropane	50.000	54.323	-8.6	112	0.00
77	T	Bromobenzene	50.000	51.163	-2.3	97	0.00
78	T	n-propylbenzene	50.000	53.561	-7.1	95	0.00
79	T	2-Chlorotoluene	50.000	52.433	-4.9	95	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.048	-6.1	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.590	-5.2	97	0.00
82	T	4-Chlorotoluene	50.000	51.920	-3.8	95	0.00
83	T	tert-Butylbenzene	50.000	53.728	-7.5	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.684	-7.4	95	0.00
85	T	sec-Butylbenzene	50.000	53.922	-7.8	96	0.00
86	T	p-Isopropyltoluene	50.000	54.080	-8.2	94	0.00
87	T	1,3-Dichlorobenzene	50.000	51.091	-2.2	95	0.00
88	T	1,4-Dichlorobenzene	50.000	50.475	-1.0	96	0.00
89	T	n-Butylbenzene	50.000	53.839	-7.7	96	0.00
90	T	Hexachloroethane	50.000	49.039	1.9	93	0.00
91	T	1,2-Dichlorobenzene	50.000	51.529	-3.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.649	-5.3	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.219	-4.4	98	0.00
94	T	Hexachlorobutadiene	50.000	51.047	-2.1	97	0.00
95	T	Naphthalene	50.000	48.990	2.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.193	-4.4	100	0.00

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