Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081522\
Data File : VD074094.D
Acq On : 15 Aug 2022 16:37
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD081522

Quant Time: Aug 16 01:44:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 01:41:25 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	106	0.00
2	T	Dichlorodifluoromethane	50.000	46.732	6.5	100	0.00
3	P	Chloromethane	50.000	50.593	-1.2	105	0.00
4	C	Vinyl Chloride	50.000	43.231	13.5#	103	0.00
5	T	Bromomethane	50.000	39.991	20.0	104	0.00
6	T	Chloroethane	50.000	48.363	3.3	98	0.00
7	T	Trichlorofluoromethane	50.000	47.244	5.5	100	0.00
8	T	Diethyl Ether	50.000	47.093	5.8	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.807	0.4	101	0.00
10	T	Methyl Iodide	50.000	41.589	16.8	97	0.00
11	T	Tert butyl alcohol	250.000	290.080	-16.0	124	0.00
12	CM	1,1-Dichloroethene	50.000	49.207	1.6#	104	0.00
13	T	Acrolein	250.000	226.408	9.4	96	0.00
14	T	Allyl chloride	50.000	45.685	8.6	102	0.00
15	T	Acrylonitrile	250.000	257.389	-3.0	112	0.00
16	T	Acetone	250.000	242.055	3.2	95	0.00
17	T	Carbon Disulfide	50.000	46.804	6.4	103	0.00
18	T	Methyl Acetate	50.000	50.183	-0.4	105	0.00
19	T	Methyl tert-butyl Ether	50.000	51.199	-2.4	108	0.00
20	T	Methylene Chloride	50.000	47.410	5.2	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.425	9.2	103	0.00
22	T	Diisopropyl ether	50.000	49.334	1.3	103	0.00
23	T	Vinyl Acetate	250.000	265.506	-6.2	107	0.00
24	P	1,1-Dichloroethane	50.000	46.974	6.1	105	0.00
25	T	2-Butanone	250.000	237.345	5.1	106	0.00
26	T	2,2-Dichloropropane	50.000	46.685	6.6	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.268	7.5	105	0.00
28	T	Bromochloromethane	50.000	44.964	10.1	100	0.00
29	T	Tetrahydrofuran	250.000	246.423	1.4	108	0.00
30	C	Chloroform	50.000	46.702	6.6#	103	0.00
31	T	Cyclohexane	50.000	48.217	3.6	101	0.00
32	T	1,1,1-Trichloroethane	50.000	45.935	8.1	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.619	6.8	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	44.387	11.2	97	0.00
36	T	1,1-Dichloropropene	50.000	47.291	5.4	102	0.00
37	T	Ethyl Acetate	50.000	51.101	-2.2	110	0.00
38	T	Carbon Tetrachloride	50.000	48.189	3.6	103	0.00
39	T	Methylcyclohexane	50.000	46.559	6.9	98	0.00
40	TM	Benzene	50.000	47.404	5.2	105	0.00
41	T	Methacrylonitrile	50.000	51.244	-2.5	116	0.00
42	TM	1,2-Dichloroethane	50.000	48.062	3.9	102	0.00
43	T	Isopropyl Acetate	50.000	52.881	-5.8	112	0.00
44	TM	Trichloroethene	50.000	46.819	6.4	103	0.00
45	C	1,2-Dichloropropane	50.000	47.797	4.4#	103	0.00
46	T	Dibromomethane	50.000	48.275	3.5	104	0.00
47	T	Bromodichloromethane	50.000	48.948	2.1	105	0.00
48	T	Methyl methacrylate	50.000	50.888	-1.8	105	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1094.575	-9.5	110	0.00
50	S	Toluene-d8	50.000	40.816	18.4	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.451	-7.4	111	0.00
52	CM	Toluene	50.000	49.275	1.5#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	50.537	-1.1	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.617	-1.2	107	0.00
55	T	1,1,2-Trichloroethane	50.000	49.114	1.8	104	0.00
56	T	Ethyl methacrylate	50.000	54.580	-9.2	109	0.00
57	T	1,3-Dichloropropane	50.000	49.460	1.1	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	234.800	6.1	97	0.00
59	T	2-Hexanone	250.000	272.726	-9.1	108	0.00
60	T	Dibromochloromethane	50.000	48.444	3.1	103	0.00
61	T	1,2-Dibromoethane	50.000	48.614	2.8	104	0.00
62	S	4-Bromofluorobenzene	50.000	48.074	3.9	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64	T	Tetrachloroethene	50.000	47.553	4.9	101	0.00
65	PM	Chlorobenzene	50.000	47.996	4.0	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.848	4.3	105	0.00
67	C	Ethyl Benzene	50.000	49.962	0.1#	104	0.00
68	T	m/p-Xylenes	100.000	101.370	-1.4	104	0.00
69	T	o-Xylene	50.000	50.540	-1.1	102	0.00
70	T	Styrene	50.000	51.701	-3.4	106	0.00
71	P	Bromoform	50.000	52.070	-4.1	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	52.312	-4.6	104	0.00
74	T	N-amyl acetate	50.000	53.619	-7.2	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.977	-2.0	108	0.00
76	T	1,2,3-Trichloropropane	50.000	40.726	18.5	86	0.00
77	T	Bromobenzene	50.000	50.666	-1.3	106	0.00
78	T	n-propylbenzene	50.000	51.458	-2.9	104	0.00
79	T	2-Chlorotoluene	50.000	50.074	-0.1	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.937	-3.9	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.700	0.6	107	0.00
82	T	4-Chlorotoluene	50.000	50.186	-0.4	104	0.00
83	T	tert-Butylbenzene	50.000	51.611	-3.2	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.174	-2.3	89	0.00
85	T	sec-Butylbenzene	50.000	50.690	-1.4	87	0.00
86	T	p-Isopropyltoluene	50.000	51.462	-2.9	87	0.00
87	T	1,3-Dichlorobenzene	50.000	49.124	1.8	87	0.00
88	T	1,4-Dichlorobenzene	50.000	47.969	4.1	84	0.00
89	T	n-Butylbenzene	50.000	49.720	0.6	87	0.00
90	T	Hexachloroethane	50.000	48.313	3.4	90	0.00
91	T	1,2-Dichlorobenzene	50.000	47.464	5.1	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.239	5.5	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.443	9.1	75	0.00
94	T	Hexachlorobutadiene	50.000	42.026	15.9	69	0.00
95	T	Naphthalene	50.000	49.543	0.9	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.529	8.9	76	0.00

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