Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
Data File : VD078405.D
Acq On : 13 Feb 2024 16:23
Operator : RP/MD
Sample : VSTDICV050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD021324

Quant Time: Feb 14 01:30:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	52.935	-5.9	100	0.00
3	P	Chloromethane	50.000	49.911	0.2	101	0.00
4	C	Vinyl Chloride	50.000	48.401	3.2#	100	0.00
5	T	Bromomethane	50.000	47.389	5.2	102	0.00
6	T	Chloroethane	50.000	46.372	7.3	100	0.00
7	T	Trichlorofluoromethane	50.000	49.454	1.1	101	0.00
8	T	Diethyl Ether	50.000	48.293	3.4	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.076	5.8	98	0.00
10	T	Methyl Iodide	50.000	47.867	4.3	96	0.00
11	T	Tert butyl alcohol	250.000	247.466	1.0	113	0.01
12	CM	1,1-Dichloroethene	50.000	49.014	2.0#	101	-0.01
13	T	Acrolein	250.000	217.321	13.1	110	0.00
14	T	Allyl chloride	50.000	48.448	3.1	102	0.00
15	T	Acrylonitrile	250.000	237.660	4.9	102	0.00
16	T	Acetone	250.000	248.160	0.7	99	0.00
17	T	Carbon Disulfide	50.000	46.849	6.3	99	0.00
18	T	Methyl Acetate	50.000	54.489	-9.0	102	0.00
19	T	Methyl tert-butyl Ether	50.000	48.542	2.9	104	0.00
20	T	Methylene Chloride	50.000	49.539	0.9	98	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.550	2.9	101	0.00
22	T	Diisopropyl ether	50.000	49.810	0.4	103	0.00
23	T	Vinyl Acetate	250.000	230.304	7.9	103	0.00
24	P	1,1-Dichloroethane	50.000	48.652	2.7	102	0.00
25	T	2-Butanone	250.000	248.070	0.8	103	0.00
26	T	2,2-Dichloropropane	50.000	48.393	3.2	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.689	2.6	102	0.00
28	T	Bromochloromethane	50.000	52.179	-4.4	102	0.00
29	T	Tetrahydrofuran	250.000	249.726	0.1	108	0.00
30	C	Chloroform	50.000	46.817	6.4#	98	0.00
31	T	Cyclohexane	50.000	47.953	4.1	100	0.00
32	T	1,1,1-Trichloroethane	50.000	47.929	4.1	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.534	14.9	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	44.476	11.0	95	0.00
36	T	1,1-Dichloropropene	50.000	48.120	3.8	101	0.00
37	T	Ethyl Acetate	50.000	45.003	10.0	105	0.00
38	T	Carbon Tetrachloride	50.000	46.722	6.6	97	0.00
39	T	Methylcyclohexane	50.000	50.344	-0.7	100	0.00
40	TM	Benzene	50.000	48.275	3.5	101	0.00
41	T	Methacrylonitrile	50.000	46.802	6.4	99	0.00
42	TM	1,2-Dichloroethane	50.000	45.877	8.2	102	0.00
43	T	Isopropyl Acetate	50.000	48.002	4.0	103	0.00
44	TM	Trichloroethene	50.000	47.824	4.4	101	0.00
45	C	1,2-Dichloropropane	50.000	47.604	4.8#	103	0.00
46	T	Dibromomethane	50.000	46.005	8.0	100	0.00
47	T	Bromodichloromethane	50.000	46.225	7.5	97	0.00
48	T	Methyl methacrylate	50.000	50.847	-1.7	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	988.142	1.2	111	0.00
50	S	Toluene-d8	50.000	44.081	11.8	95	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.479	4.6	104	0.00
52	CM	Toluene	50.000	47.756	4.5#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	47.601	4.8	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.452	3.1	103	0.00
55	T	1,1,2-Trichloroethane	50.000	46.736	6.5	102	0.00
56	T	Ethyl methacrylate	50.000	42.830	14.3	107	0.00
57	T	1,3-Dichloropropane	50.000	46.058	7.9	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	227.824	8.9	88	0.00
59	T	2-Hexanone	250.000	232.494	7.0	105	0.00
60	T	Dibromochloromethane	50.000	45.476	9.0	98	0.00
61	T	1,2-Dibromoethane	50.000	47.016	6.0	100	0.00
62	S	4-Bromofluorobenzene	50.000	42.472	15.1	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	48.975	2.0	101	0.00
65	PM	Chlorobenzene	50.000	48.063	3.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.559	4.9	100	0.00
67	C	Ethyl Benzene	50.000	50.104	-0.2#	100	0.00
68	T	m/p-Xylenes	100.000	100.332	-0.3	98	0.00
69	T	o-Xylene	50.000	49.596	0.8	99	0.00
70	T	Styrene	50.000	46.347	7.3	99	0.00
71	P	Bromoform	50.000	46.239	7.5	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	51.493	-3.0	100	0.00
74	T	N-amyl acetate	50.000	46.507	7.0	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.472	7.1	102	0.00
76	T	1,2,3-Trichloropropane	50.000	49.716	0.6	119	0.00
77	T	Bromobenzene	50.000	49.091	1.8	100	0.00
78	T	n-propylbenzene	50.000	51.724	-3.4	101	0.00
79	T	2-Chlorotoluene	50.000	50.639	-1.3	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.198	-2.4	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.984	2.0	104	0.00
82	T	4-Chlorotoluene	50.000	48.770	2.5	98	0.00
83	T	tert-Butylbenzene	50.000	51.666	-3.3	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.788	-1.6	97	0.00
85	T	sec-Butylbenzene	50.000	50.905	-1.8	101	0.00
86	T	p-Isopropyltoluene	50.000	52.291	-4.6	98	0.00
87	T	1,3-Dichlorobenzene	50.000	49.252	1.5	99	0.00
88	T	1,4-Dichlorobenzene	50.000	48.201	3.6	99	0.00
89	T	n-Butylbenzene	50.000	52.112	-4.2	98	0.00
90	T	Hexachloroethane	50.000	48.624	2.8	100	0.00
91	T	1,2-Dichlorobenzene	50.000	48.479	3.0	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.867	6.3	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.323	-0.6	100	0.00
94	T	Hexachlorobutadiene	50.000	50.417	-0.8	99	0.00
95	T	Naphthalene	50.000	51.703	-3.4	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.491	-3.0	102	0.00

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