Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041123\
Data File : VD075619.D
Acq On : 11 Apr 2023 12:14
Operator : KP/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD041123

Quant Time: Apr 12 10:38:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041023S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 12 10:29:09 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	45.232	9.5	88	0.00
3	P	Chloromethane	50.000	46.403	7.2	91	0.00
4	C	Vinyl Chloride	50.000	46.892	6.2#	87	0.00
5	T	Bromomethane	50.000	47.395	5.2	91	0.00
6	T	Chloroethane	50.000	48.678	2.6	94	0.00
7	T	Trichlorofluoromethane	50.000	48.056	3.9	93	0.00
8	T	Diethyl Ether	50.000	49.372	1.3	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.887	2.2	95	0.00
10	T	Methyl Iodide	50.000	53.102	-6.2	98	0.00
11	T	Tert butyl alcohol	250.000	268.155	-7.3	109	-0.01
12	CM	1,1-Dichloroethene	50.000	48.482	3.0#	94	0.00
13	T	Acrolein	250.000	250.128	-0.1	100	0.00
14	T	Allyl chloride	50.000	50.679	-1.4	98	0.00
15	T	Acrylonitrile	250.000	260.039	-4.0	98	0.01
16	T	Acetone	250.000	276.374	-10.5	107	0.00
17	T	Carbon Disulfide	50.000	46.449	7.1	89	0.00
18	T	Methyl Acetate	50.000	49.970	0.1	96	0.00
19	T	Methyl tert-butyl Ether	50.000	49.985	0.0	94	0.00
20	T	Methylene Chloride	50.000	50.032	-0.1	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.073	3.9	91	0.00
22	T	Diisopropyl ether	50.000	50.474	-0.9	94	0.00
23	T	Vinyl Acetate	250.000	258.068	-3.2	95	0.00
24	P	1,1-Dichloroethane	50.000	49.104	1.8	94	0.00
25	T	2-Butanone	250.000	268.471	-7.4	104	0.00
26	T	2,2-Dichloropropane	50.000	49.118	1.8	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.076	1.8	93	0.00
28	T	Bromochloromethane	50.000	50.444	-0.9	99	0.00
29	T	Tetrahydrofuran	250.000	268.052	-7.2	100	0.00
30	C	Chloroform	50.000	49.699	0.6#	94	0.00
31	T	Cyclohexane	50.000	45.938	8.1	92	0.00
32	T	1,1,1-Trichloroethane	50.000	49.982	0.0	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.390	1.2	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	51.498	-3.0	96	0.00
36	T	1,1-Dichloropropene	50.000	51.485	-3.0	91	0.00
37	T	Ethyl Acetate	50.000	53.867	-7.7	99	0.00
38	T	Carbon Tetrachloride	50.000	52.221	-4.4	95	0.00
39	T	Methylcyclohexane	50.000	49.359	1.3	90	0.00
40	TM	Benzene	50.000	52.435	-4.9	94	0.00
41	T	Methacrylonitrile	50.000	49.160	1.7	94	0.00
42	TM	1,2-Dichloroethane	50.000	51.681	-3.4	94	0.00
43	T	Isopropyl Acetate	50.000	54.861	-9.7	100	0.00
44	TM	Trichloroethene	50.000	48.945	2.1	94	0.00
45	C	1,2-Dichloropropane	50.000	50.364	-0.7#	93	0.00
46	T	Dibromomethane	50.000	51.897	-3.8	94	0.00
47	T	Bromodichloromethane	50.000	50.668	-1.3	95	0.00
48	T	Methyl methacrylate	50.000	54.648	-9.3	105	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1174.736	-17.5	107	0.00
50	S	Toluene-d8	50.000	50.968	-1.9	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.633	-6.7	99	0.00
52	CM	Toluene	50.000	51.479	-3.0#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	51.245	-2.5	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.688	-1.4	93	0.00
55	T	1,1,2-Trichloroethane	50.000	50.795	-1.6	95	0.00
56	T	Ethyl methacrylate	50.000	52.281	-4.6	94	0.00
57	T	1,3-Dichloropropane	50.000	50.978	-2.0	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	259.322	-3.7	98	0.00
59	T	2-Hexanone	250.000	277.205	-10.9	101	0.00
60	T	Dibromochloromethane	50.000	50.481	-1.0	95	0.00
61	T	1,2-Dibromoethane	50.000	53.940	-7.9	93	0.00
62	S	4-Bromofluorobenzene	50.000	52.447	-4.9	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	41.819	16.4	92	0.00
65	PM	Chlorobenzene	50.000	47.944	4.1	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.535	2.9	93	0.00
67	C	Ethyl Benzene	50.000	48.030	3.9#	93	0.00
68	T	m/p-Xylenes	100.000	94.838	5.2	92	0.00
69	T	o-Xylene	50.000	45.058	9.9	81	0.00
70	T	Styrene	50.000	45.749	8.5	82	0.00
71	P	Bromoform	50.000	44.209	11.6	78	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	51.312	-2.6	82	0.00
74	T	N-amyl acetate	50.000	51.584	-3.2	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.533	-1.1	85	0.00
76	T	1,2,3-Trichloropropane	50.000	48.180	3.6	86	0.00
77	T	Bromobenzene	50.000	48.422	3.2	75	0.00
78	T	n-propylbenzene	50.000	52.131	-4.3	84	0.00
79	T	2-Chlorotoluene	50.000	50.934	-1.9	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.003	-4.0	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.195	-6.4	87	0.00
82	T	4-Chlorotoluene	50.000	51.042	-2.1	83	0.00
83	T	tert-Butylbenzene	50.000	51.181	-2.4	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.142	-4.3	83	0.00
85	T	sec-Butylbenzene	50.000	51.397	-2.8	83	0.00
86	T	p-Isopropyltoluene	50.000	52.418	-4.8	84	0.00
87	T	1,3-Dichlorobenzene	50.000	49.722	0.6	80	0.00
88	T	1,4-Dichlorobenzene	50.000	49.213	1.6	80	0.00
89	T	n-Butylbenzene	50.000	52.143	-4.3	86	0.00
90	T	Hexachloroethane	50.000	50.196	-0.4	93	0.00
91	T	1,2-Dichlorobenzene	50.000	49.217	1.6	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.569	-1.1	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.536	-3.1	96	0.00
94	T	Hexachlorobutadiene	50.000	48.321	3.4	91	0.00
95	T	Naphthalene	50.000	52.643	-5.3	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.914	0.2	94	0.00

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