Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
Data File : VD076529.D
Acq On : 22 Jun 2023 09:36
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 23 06:34:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	47.418	5.2	90	0.00
3	P	Chloromethane	50.000	40.980	18.0	74	0.00
4	C	Vinyl Chloride	50.000	44.227	11.5#	78	0.00
5	T	Bromomethane	50.000	43.899	12.2	83	0.00
6	T	Chloroethane	50.000	45.307	9.4	82	0.00
7	T	Trichlorofluoromethane	50.000	50.693	-1.4	97	0.00
8	T	Diethyl Ether	50.000	43.338	13.3	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.084	1.8	92	0.00
10	T	Methyl Iodide	50.000	48.594	2.8	81	0.00
11	T	Tert butyl alcohol	250.000	219.065	12.4	79	0.00
12	CM	1,1-Dichloroethene	50.000	46.903	6.2#	85	0.01
13	T	Acrolein	250.000	221.296	11.5	79	0.00
14	T	Allyl chloride	50.000	43.912	12.2	77	0.00
15	T	Acrylonitrile	250.000	236.688	5.3	78	0.00
16	T	Acetone	250.000	270.851	-8.3	86	0.00
17	T	Carbon Disulfide	50.000	43.936	12.1	78	0.00
18	T	Methyl Acetate	50.000	45.181	9.6	75	0.00
19	T	Methyl tert-butyl Ether	50.000	46.413	7.2	77	0.00
20	T	Methylene Chloride	50.000	42.955	14.1	71	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.486	11.0	78	0.00
22	T	Diisopropyl ether	50.000	45.232	9.5	75	0.00
23	T	Vinyl Acetate	250.000	230.827	7.7	75	0.00
24	P	1,1-Dichloroethane	50.000	45.786	8.4	79	-0.01
25	T	2-Butanone	250.000	247.379	1.0	81	0.00
26	T	2,2-Dichloropropane	50.000	46.640	6.7	83	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.671	6.7	79	0.00
28	T	Bromochloromethane	50.000	42.261	15.5	71	0.00
29	T	Tetrahydrofuran	250.000	225.268	9.9	75	0.00
30	C	Chloroform	50.000	46.536	6.9#	80	0.00
31	T	Cyclohexane	50.000	48.095	3.8	87	0.00
32	T	1,1,1-Trichloroethane	50.000	48.630	2.7	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.893	10.2	77	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	80	0.00
35	S	Dibromofluoromethane	50.000	47.578	4.8	77	0.00
36	T	1,1-Dichloropropene	50.000	51.020	-2.0	88	0.00
37	T	Ethyl Acetate	50.000	46.642	6.7	77	0.00
38	T	Carbon Tetrachloride	50.000	54.614	-9.2	93	0.00
39	T	Methylcyclohexane	50.000	48.866	2.3	86	0.00
40	TM	Benzene	50.000	48.408	3.2	80	0.00
41	T	Methacrylonitrile	50.000	50.240	-0.5	78	0.00
42	TM	1,2-Dichloroethane	50.000	50.502	-1.0	79	0.00
43	T	Isopropyl Acetate	50.000	47.412	5.2	76	0.00
44	TM	Trichloroethene	50.000	48.189	3.6	81	0.00
45	C	1,2-Dichloropropane	50.000	47.772	4.5#	77	0.00
46	T	Dibromomethane	50.000	51.702	-3.4	82	0.00
47	T	Bromodichloromethane	50.000	49.951	0.1	81	0.00
48	T	Methyl methacrylate	50.000	48.127	3.7	75	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	978.958	2.1	80	0.00
50	S	Toluene-d8	50.000	47.894	4.2	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	248.506	0.6	77	0.00
52	CM	Toluene	50.000	48.542	2.9#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	49.550	0.9	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.079	3.8	77	0.00
55	T	1,1,2-Trichloroethane	50.000	47.975	4.0	77	0.00
56	T	Ethyl methacrylate	50.000	48.250	3.5	75	0.00
57	T	1,3-Dichloropropane	50.000	48.495	3.0	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	233.908	6.4	77	0.00
59	T	2-Hexanone	250.000	258.025	-3.2	79	0.00
60	T	Dibromochloromethane	50.000	51.688	-3.4	82	0.00
61	T	1,2-Dibromoethane	50.000	50.146	-0.3	80	0.00
62	S	4-Bromofluorobenzene	50.000	47.203	5.6	76	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	52.419	-4.8	89	0.00
65	PM	Chlorobenzene	50.000	49.809	0.4	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.240	-4.5	83	0.00
67	C	Ethyl Benzene	50.000	50.483	-1.0#	83	0.00
68	T	m/p-Xylenes	100.000	101.688	-1.7	84	0.00
69	T	o-Xylene	50.000	49.942	0.1	82	0.00
70	T	Styrene	50.000	50.355	-0.7	83	0.00
71	P	Bromoform	50.000	53.902	-7.8	83	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	48.559	2.9	85	0.00
74	T	N-amyl acetate	50.000	44.643	10.7	73	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.868	4.3	78	0.00
76	T	1,2,3-Trichloropropane	50.000	44.794	10.4	80	0.00
77	T	Bromobenzene	50.000	47.267	5.5	82	0.00
78	T	n-propylbenzene	50.000	49.104	1.8	87	0.00
79	T	2-Chlorotoluene	50.000	47.001	6.0	82	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.481	3.0	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.733	2.5	79	0.00
82	T	4-Chlorotoluene	50.000	47.747	4.5	83	0.00
83	T	tert-Butylbenzene	50.000	48.188	3.6	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.911	2.2	84	0.00
85	T	sec-Butylbenzene	50.000	49.513	1.0	88	0.00
86	T	p-Isopropyltoluene	50.000	50.132	-0.3	89	0.00
87	T	1,3-Dichlorobenzene	50.000	47.953	4.1	82	0.00
88	T	1,4-Dichlorobenzene	50.000	47.432	5.1	83	0.00
89	T	n-Butylbenzene	50.000	48.493	3.0	86	0.00
90	T	Hexachloroethane	50.000	49.807	0.4	87	0.00
91	T	1,2-Dichlorobenzene	50.000	47.825	4.3	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.121	5.8	80	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.115	5.8	82	0.00
94	T	Hexachlorobutadiene	50.000	48.697	2.6	88	0.00
95	T	Naphthalene	50.000	48.175	3.7	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.213	3.6	82	0.00

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