Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
Data File : VD076503.D
Acq On : 20 Jun 2023 20:49
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00/5.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 06:51:28 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	88	0.00
2	T	Dichlorodifluoromethane	50.000	45.298	9.4	89	0.00
3	P	Chloromethane	50.000	45.665	8.7	85	0.00
4	C	Vinyl Chloride	50.000	45.041	9.9#	82	0.00
5	T	Bromomethane	50.000	41.465	17.1	81	0.00
6	T	Chloroethane	50.000	46.877	6.2	87	0.00
7	T	Trichlorofluoromethane	50.000	46.798	6.4	92	0.00
8	T	Diethyl Ether	50.000	44.555	10.9	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.224	3.6	93	0.00
10	T	Methyl Iodide	50.000	50.487	-1.0	86	0.00
11	T	Tert butyl alcohol	250.000	204.527	18.2	76	0.01
12	CM	1,1-Dichloroethene	50.000	46.860	6.3#	87	0.00
13	T	Acrolein	250.000	197.105	21.2	72	0.00
14	T	Allyl chloride	50.000	43.841	12.3	79	0.00
15	T	Acrylonitrile	250.000	228.578	8.6	77	0.00
16	T	Acetone	250.000	202.520	19.0	66	0.00
17	T	Carbon Disulfide	50.000	45.147	9.7	82	0.00
18	T	Methyl Acetate	50.000	45.177	9.6	77	0.00
19	T	Methyl tert-butyl Ether	50.000	48.035	3.9	82	0.00
20	T	Methylene Chloride	50.000	61.441	-22.9	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.749	6.5	84	0.00
22	T	Diisopropyl ether	50.000	47.634	4.7	81	0.00
23	T	Vinyl Acetate	250.000	233.163	6.7	78	0.00
24	P	1,1-Dichloroethane	50.000	47.566	4.9	84	0.00
25	T	2-Butanone	250.000	220.297	11.9	74	0.00
26	T	2,2-Dichloropropane	50.000	41.689	16.6	76	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.081	3.8	83	-0.01
28	T	Bromochloromethane	50.000	47.467	5.1	81	0.00
29	T	Tetrahydrofuran	250.000	224.148	10.3	76	0.00
30	C	Chloroform	50.000	49.236	1.5#	87	0.00
31	T	Cyclohexane	50.000	46.424	7.2	87	0.00
32	T	1,1,1-Trichloroethane	50.000	48.884	2.2	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.235	3.5	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	52.212	-4.4	89	0.00
36	T	1,1-Dichloropropene	50.000	47.303	5.4	86	0.00
37	T	Ethyl Acetate	50.000	46.539	6.9	81	0.00
38	T	Carbon Tetrachloride	50.000	48.915	2.2	88	0.00
39	T	Methylcyclohexane	50.000	48.063	3.9	89	0.00
40	TM	Benzene	50.000	48.731	2.5	85	0.00
41	T	Methacrylonitrile	50.000	47.702	4.6	78	0.00
42	TM	1,2-Dichloroethane	50.000	51.107	-2.2	85	0.00
43	T	Isopropyl Acetate	50.000	46.431	7.1	78	0.00
44	TM	Trichloroethene	50.000	48.545	2.9	86	0.00
45	C	1,2-Dichloropropane	50.000	49.834	0.3#	85	0.00
46	T	Dibromomethane	50.000	51.649	-3.3	86	0.00
47	T	Bromodichloromethane	50.000	49.908	0.2	85	0.00
48	T	Methyl methacrylate	50.000	46.011	8.0	76	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	983.303	1.7	85	0.00
50	S	Toluene-d8	50.000	49.412	1.2	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.916	3.6	79	0.00
52	CM	Toluene	50.000	49.579	0.8#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	48.449	3.1	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.649	0.7	84	0.00
55	T	1,1,2-Trichloroethane	50.000	50.845	-1.7	87	0.00
56	T	Ethyl methacrylate	50.000	49.069	1.9	80	0.00
57	T	1,3-Dichloropropane	50.000	49.893	0.2	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	227.667	8.9	80	0.00
59	T	2-Hexanone	250.000	232.429	7.0	76	0.00
60	T	Dibromochloromethane	50.000	51.792	-3.6	86	0.00
61	T	1,2-Dibromoethane	50.000	51.314	-2.6	87	0.00
62	S	4-Bromofluorobenzene	50.000	50.716	-1.4	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	52.403	-4.8	97	0.00
65	PM	Chlorobenzene	50.000	48.266	3.5	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.142	-0.3	87	0.00
67	C	Ethyl Benzene	50.000	48.373	3.3#	87	0.00
68	T	m/p-Xylenes	100.000	97.228	2.8	88	0.00
69	T	o-Xylene	50.000	49.588	0.8	89	0.00
70	T	Styrene	50.000	49.149	1.7	88	0.00
71	P	Bromoform	50.000	51.528	-3.1	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	46.765	6.5	90	0.00
74	T	N-amyl acetate	50.000	44.168	11.7	79	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.094	3.8	86	0.00
76	T	1,2,3-Trichloropropane	50.000	42.083	15.8	82	0.00
77	T	Bromobenzene	50.000	47.968	4.1	91	0.00
78	T	n-propylbenzene	50.000	46.729	6.5	90	0.00
79	T	2-Chlorotoluene	50.000	46.643	6.7	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.888	6.2	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.034	11.9	77	0.00
82	T	4-Chlorotoluene	50.000	46.982	6.0	89	0.00
83	T	tert-Butylbenzene	50.000	47.384	5.2	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.907	4.2	90	0.00
85	T	sec-Butylbenzene	50.000	48.233	3.5	93	0.00
86	T	p-Isopropyltoluene	50.000	47.823	4.4	92	0.00
87	T	1,3-Dichlorobenzene	50.000	47.501	5.0	89	0.00
88	T	1,4-Dichlorobenzene	50.000	47.849	4.3	91	0.00
89	T	n-Butylbenzene	50.000	45.776	8.4	88	0.00
90	T	Hexachloroethane	50.000	46.641	6.7	89	0.00
91	T	1,2-Dichlorobenzene	50.000	49.071	1.9	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.599	10.8	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.660	4.7	90	0.00
94	T	Hexachlorobutadiene	50.000	49.106	1.8	97	0.00
95	T	Naphthalene	50.000	45.791	8.4	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.455	5.1	88	0.00

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