Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
Data File : VD076282.D
Acq On : 31 May 2023 12:37
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 31 16:06:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 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	69	0.00
2	T	Dichlorodifluoromethane	50.000	41.129	17.7	65	0.00
3	P	Chloromethane	50.000	51.042	-2.1	70	0.00
4	C	Vinyl Chloride	50.000	50.586	-1.2#	78	0.00
5	T	Bromomethane	50.000	50.639	-1.3	75	0.00
6	T	Chloroethane	50.000	54.867	-9.7	82	0.00
7	T	Trichlorofluoromethane	50.000	45.626	8.7	73	0.00
8	T	Diethyl Ether	50.000	47.718	4.6	66	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.556	2.9	78	0.00
10	T	Methyl Iodide	50.000	53.808	-7.6	70	0.00
11	T	Tert butyl alcohol	250.000	254.912	-2.0	72	0.01
12	CM	1,1-Dichloroethene	50.000	46.181	7.6#	69	0.00
13	T	Acrolein	250.000	227.639	8.9	62	0.00
14	T	Allyl chloride	50.000	47.597	4.8	67	0.00
15	T	Acrylonitrile	250.000	262.282	-4.9	72	0.00
16	T	Acetone	250.000	284.836	-13.9	76	0.00
17	T	Carbon Disulfide	50.000	43.587	12.8	61	0.00
18	T	Methyl Acetate	50.000	50.708	-1.4	70	0.00
19	T	Methyl tert-butyl Ether	50.000	52.482	-5.0	70	0.00
20	T	Methylene Chloride	50.000	48.684	2.6	67	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.497	3.0	68	0.00
22	T	Diisopropyl ether	50.000	54.942	-9.9	72	0.00
23	T	Vinyl Acetate	250.000	317.736	-27.1#	83	0.00
24	P	1,1-Dichloroethane	50.000	52.457	-4.9	76	0.00
25	T	2-Butanone	250.000	268.981	-7.6	72	0.00
26	T	2,2-Dichloropropane	50.000	53.067	-6.1	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.895	-3.8	71	0.00
28	T	Bromochloromethane	50.000	50.423	-0.8	72	0.00
29	T	Tetrahydrofuran	250.000	261.959	-4.8	69	0.00
30	C	Chloroform	50.000	52.535	-5.1#	76	0.00
31	T	Cyclohexane	50.000	43.704	12.6	68	0.00
32	T	1,1,1-Trichloroethane	50.000	51.736	-3.5	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.771	4.5	71	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	49.804	0.4	72	0.00
36	T	1,1-Dichloropropene	50.000	50.900	-1.8	74	0.00
37	T	Ethyl Acetate	50.000	51.029	-2.1	67	0.00
38	T	Carbon Tetrachloride	50.000	51.810	-3.6	78	0.00
39	T	Methylcyclohexane	50.000	46.496	7.0	70	0.00
40	TM	Benzene	50.000	51.239	-2.5	72	0.00
41	T	Methacrylonitrile	50.000	44.337	11.3	54	0.00
42	TM	1,2-Dichloroethane	50.000	52.591	-5.2	75	0.00
43	T	Isopropyl Acetate	50.000	50.815	-1.6	71	0.00
44	TM	Trichloroethene	50.000	48.679	2.6	71	0.00
45	C	1,2-Dichloropropane	50.000	52.125	-4.3#	74	0.00
46	T	Dibromomethane	50.000	52.180	-4.4	75	0.00
47	T	Bromodichloromethane	50.000	53.024	-6.0	75	0.00
48	T	Methyl methacrylate	50.000	49.372	1.3	66	0.00

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Quant Title : SW846 8260
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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)
49	T	1,4-Dioxane	1000.000	1113.703	-11.4	76	0.00
50	S	Toluene-d8	50.000	48.044	3.9	69	0.00
51	T	4-Methyl-2-Pentanone	250.000	271.047	-8.4	72	0.00
52	CM	Toluene	50.000	53.288	-6.6#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	52.069	-4.1	71	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.574	-5.1	72	0.00
55	T	1,1,2-Trichloroethane	50.000	53.301	-6.6	75	0.00
56	T	Ethyl methacrylate	50.000	53.066	-6.1	69	0.00
57	T	1,3-Dichloropropane	50.000	53.465	-6.9	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	259.982	-4.0	69	0.00
59	T	2-Hexanone	250.000	279.628	-11.9	72	0.00
60	T	Dibromochloromethane	50.000	53.641	-7.3	75	0.00
61	T	1,2-Dibromoethane	50.000	53.527	-7.1	75	0.00
62	S	4-Bromofluorobenzene	50.000	50.254	-0.5	74	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	46.738	6.5	71	0.00
65	PM	Chlorobenzene	50.000	50.725	-1.5	75	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.151	-4.3	78	0.00
67	C	Ethyl Benzene	50.000	52.513	-5.0#	76	0.00
68	T	m/p-Xylenes	100.000	107.902	-7.9	78	0.00
69	T	o-Xylene	50.000	54.058	-8.1	76	0.00
70	T	Styrene	50.000	54.957	-9.9	77	0.00
71	P	Bromoform	50.000	51.075	-2.2	75	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	79	0.00
73	T	Isopropylbenzene	50.000	51.122	-2.2	79	0.00
74	T	N-amyl acetate	50.000	46.897	6.2	70	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.149	3.7	77	0.00
76	T	1,2,3-Trichloropropane	50.000	52.110	-4.2	93	0.00
77	T	Bromobenzene	50.000	49.773	0.5	77	0.00
78	T	n-propylbenzene	50.000	51.228	-2.5	80	0.00
79	T	2-Chlorotoluene	50.000	49.652	0.7	77	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.699	-3.4	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.934	4.1	74	0.00
82	T	4-Chlorotoluene	50.000	49.915	0.2	78	0.00
83	T	tert-Butylbenzene	50.000	51.388	-2.8	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.846	-3.7	78	0.00
85	T	sec-Butylbenzene	50.000	50.863	-1.7	81	0.00
86	T	p-Isopropyltoluene	50.000	52.310	-4.6	81	0.00
87	T	1,3-Dichlorobenzene	50.000	51.004	-2.0	81	0.00
88	T	1,4-Dichlorobenzene	50.000	50.470	-0.9	81	0.00
89	T	n-Butylbenzene	50.000	50.023	-0.0	79	0.00
90	T	Hexachloroethane	50.000	48.820	2.4	82	0.00
91	T	1,2-Dichlorobenzene	50.000	50.625	-1.3	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.343	5.3	74	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.431	5.1	71	0.00
94	T	Hexachlorobutadiene	50.000	45.510	9.0	73	0.00
95	T	Naphthalene	50.000	48.819	2.4	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.524	7.0	69	0.00

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