Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
Data File : VD076248.D
Acq On : 25 May 2023 22:37
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 26 02:01:51 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	66	0.00
2	T	Dichlorodifluoromethane	50.000	41.700	16.6	63	0.00
3	P	Chloromethane	50.000	55.611	-11.2	72	0.00
4	C	Vinyl Chloride	50.000	49.252	1.5#	72	0.00
5	T	Bromomethane	50.000	44.363	11.3	63	0.00
6	T	Chloroethane	50.000	52.914	-5.8	76	0.00
7	T	Trichlorofluoromethane	50.000	44.908	10.2	68	0.00
8	T	Diethyl Ether	50.000	51.638	-3.3	68	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.103	9.8	69	0.00
10	T	Methyl Iodide	50.000	51.960	-3.9	64	0.00
11	T	Tert butyl alcohol	250.000	297.519	-19.0	80	0.01
12	CM	1,1-Dichloroethene	50.000	45.122	9.8#	65	0.00
13	T	Acrolein	250.000	216.879	13.2	56	0.00
14	T	Allyl chloride	50.000	47.924	4.2	64	0.00
15	T	Acrylonitrile	250.000	295.608	-18.2	77	0.00
16	T	Acetone	250.000	229.163	8.3	59	0.00
17	T	Carbon Disulfide	50.000	43.083	13.8	58	0.00
18	T	Methyl Acetate	50.000	58.692	-17.4	77	0.00
19	T	Methyl tert-butyl Ether	50.000	56.048	-12.1	71	-0.01
20	T	Methylene Chloride	50.000	66.592	-33.2#	81	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.885	4.2	64	0.00
22	T	Diisopropyl ether	50.000	55.588	-11.2	69	0.00
23	T	Vinyl Acetate	250.000	279.675	-11.9	70	0.00
24	P	1,1-Dichloroethane	50.000	51.534	-3.1	71	0.00
25	T	2-Butanone	250.000	272.784	-9.1	70	0.00
26	T	2,2-Dichloropropane	50.000	46.683	6.6	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.833	-3.7	67	0.00
28	T	Bromochloromethane	50.000	51.925	-3.8	71	0.00
29	T	Tetrahydrofuran	250.000	304.117	-21.6	76	0.00
30	C	Chloroform	50.000	52.227	-4.5#	72	0.00
31	T	Cyclohexane	50.000	44.042	11.9	65	0.00
32	T	1,1,1-Trichloroethane	50.000	49.571	0.9	70	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.935	2.1	70	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	46.918	6.2	69	0.00
36	T	1,1-Dichloropropene	50.000	46.320	7.4	68	0.00
37	T	Ethyl Acetate	50.000	55.169	-10.3	73	0.00
38	T	Carbon Tetrachloride	50.000	45.495	9.0	69	0.00
39	T	Methylcyclohexane	50.000	42.821	14.4	65	0.00
40	TM	Benzene	50.000	47.826	4.3	68	0.00
41	T	Methacrylonitrile	50.000	46.202	7.6	57	0.00
42	TM	1,2-Dichloroethane	50.000	51.408	-2.8	74	0.00
43	T	Isopropyl Acetate	50.000	53.685	-7.4	76	0.00
44	TM	Trichloroethene	50.000	45.106	9.8	66	0.00
45	C	1,2-Dichloropropane	50.000	49.345	1.3#	70	0.00
46	T	Dibromomethane	50.000	50.661	-1.3	73	0.00
47	T	Bromodichloromethane	50.000	50.094	-0.2	71	0.00
48	T	Methyl methacrylate	50.000	51.834	-3.7	70	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1208.219	-20.8	84	0.00
50	S	Toluene-d8	50.000	45.088	9.8	65	0.00
51	T	4-Methyl-2-Pentanone	250.000	290.329	-16.1	78	0.00
52	CM	Toluene	50.000	49.242	1.5#	69	0.00
53	T	t-1,3-Dichloropropene	50.000	50.755	-1.5	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.145	-2.3	70	0.00
55	T	1,1,2-Trichloroethane	50.000	52.913	-5.8	75	0.00
56	T	Ethyl methacrylate	50.000	55.768	-11.5	73	0.00
57	T	1,3-Dichloropropane	50.000	52.694	-5.4	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.837	-10.3	74	0.00
59	T	2-Hexanone	250.000	277.077	-10.8	72	0.00
60	T	Dibromochloromethane	50.000	52.407	-4.8	74	0.00
61	T	1,2-Dibromoethane	50.000	52.499	-5.0	74	0.00
62	S	4-Bromofluorobenzene	50.000	47.290	5.4	70	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64	T	Tetrachloroethene	50.000	44.297	11.4	68	0.00
65	PM	Chlorobenzene	50.000	47.604	4.8	71	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.113	3.8	73	0.00
67	C	Ethyl Benzene	50.000	48.571	2.9#	71	0.00
68	T	m/p-Xylenes	100.000	100.902	-0.9	73	0.00
69	T	o-Xylene	50.000	50.519	-1.0	72	0.00
70	T	Styrene	50.000	51.929	-3.9	74	0.00
71	P	Bromoform	50.000	48.719	2.6	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	46.000	8.0	73	0.00
74	T	N-amyl acetate	50.000	49.905	0.2	76	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.914	4.2	79	0.00
76	T	1,2,3-Trichloropropane	50.000	41.698	16.6	77	0.00
77	T	Bromobenzene	50.000	45.006	10.0	71	0.00
78	T	n-propylbenzene	50.000	46.395	7.2	74	0.00
79	T	2-Chlorotoluene	50.000	45.042	9.9	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.581	6.8	73	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.177	5.6	74	0.00
82	T	4-Chlorotoluene	50.000	45.166	9.7	72	0.00
83	T	tert-Butylbenzene	50.000	46.634	6.7	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.850	6.3	72	0.00
85	T	sec-Butylbenzene	50.000	45.923	8.2	75	0.00
86	T	p-Isopropyltoluene	50.000	46.603	6.8	74	0.00
87	T	1,3-Dichlorobenzene	50.000	46.454	7.1	75	0.00
88	T	1,4-Dichlorobenzene	50.000	45.499	9.0	75	0.00
89	T	n-Butylbenzene	50.000	44.507	11.0	72	0.00
90	T	Hexachloroethane	50.000	42.782	14.4	74	0.00
91	T	1,2-Dichlorobenzene	50.000	46.934	6.1	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.101	5.8	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.139	13.7	67	0.00
94	T	Hexachlorobutadiene	50.000	38.287	23.4	63	0.00
95	T	Naphthalene	50.000	50.045	-0.1	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.354	11.3	68	0.00

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