Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
Data File : VD070489.D
Acq On : 27 Sep 2021 20:35
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Sep 28 04:17:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
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	79	0.00
2	T	Dichlorodifluoromethane	50.000	44.217	11.6	75	0.00
3	P	Chloromethane	50.000	48.037	3.9	81	0.00
4	C	Vinyl Chloride	50.000	44.047	11.9#	80	0.00
5	T	Bromomethane	50.000	47.331	5.3	80	0.00
6	T	Chloroethane	50.000	48.837	2.3	83	0.00
7	T	Trichlorofluoromethane	50.000	44.509	11.0	76	0.00
8	T	Diethyl Ether	50.000	49.458	1.1	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.331	9.3	77	0.00
10	T	Methyl Iodide	50.000	43.833	12.3	68	0.00
11	T	Tert butyl alcohol	250.000	105.953	57.6#	49	0.00
12	CM	1,1-Dichloroethene	50.000	45.314	9.4#	74	0.00
13	T	Acrolein	250.000	201.088	19.6	67	0.00
14	T	Allyl chloride	50.000	44.876	10.2	76	0.00
15	T	Acrylonitrile	250.000	250.428	-0.2	84	0.00
16	T	Acetone	250.000	203.681	18.5	72	0.00
17	T	Carbon Disulfide	50.000	41.890	16.2	72	0.00
18	T	Methyl Acetate	50.000	54.340	-8.7	92	0.00
19	T	Methyl tert-butyl Ether	50.000	51.186	-2.4	79	0.00
20	T	Methylene Chloride	50.000	58.916	-17.8	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.958	4.1	78	0.00
22	T	Diisopropyl ether	50.000	50.171	-0.3	82	0.00
23	T	Vinyl Acetate	250.000	241.865	3.3	78	0.00
24	P	1,1-Dichloroethane	50.000	47.361	5.3	82	0.00
25	T	2-Butanone	250.000	236.649	5.3	82	0.00
26	T	2,2-Dichloropropane	50.000	43.218	13.6	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.769	-1.5	82	0.00
28	T	Bromochloromethane	50.000	50.520	-1.0	87	0.00
29	T	Tetrahydrofuran	250.000	252.143	-0.9	85	0.00
30	C	Chloroform	50.000	48.802	2.4#	84	0.00
31	T	Cyclohexane	50.000	41.295	17.4	71	0.00
32	T	1,1,1-Trichloroethane	50.000	47.124	5.8	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.856	-1.7	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	52.077	-4.2	90	0.00
36	T	1,1-Dichloropropene	50.000	45.961	8.1	77	0.00
37	T	Ethyl Acetate	50.000	47.293	5.4	85	0.00
38	T	Carbon Tetrachloride	50.000	46.418	7.2	78	0.00
39	T	Methylcyclohexane	50.000	45.286	9.4	71	0.00
40	TM	Benzene	50.000	48.489	3.0	80	0.00
41	T	Methacrylonitrile	50.000	48.327	3.3	87	0.00
42	TM	1,2-Dichloroethane	50.000	48.091	3.8	85	0.00
43	T	Isopropyl Acetate	50.000	46.792	6.4	83	0.00
44	TM	Trichloroethene	50.000	48.794	2.4	80	0.00
45	C	1,2-Dichloropropane	50.000	48.766	2.5#	84	0.00
46	T	Dibromomethane	50.000	49.636	0.7	86	0.00
47	T	Bromodichloromethane	50.000	48.924	2.2	84	0.00
48	T	Methyl methacrylate	50.000	46.722	6.6	78	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	1098.975	-9.9	84	0.00
50	S	Toluene-d8	50.000	54.247	-8.5	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.055	-2.0	87	0.00
52	CM	Toluene	50.000	51.037	-2.1#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	47.904	4.2	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.359	7.3	79	0.00
55	T	1,1,2-Trichloroethane	50.000	51.036	-2.1	85	0.00
56	T	Ethyl methacrylate	50.000	53.776	-7.6	83	0.00
57	T	1,3-Dichloropropane	50.000	50.787	-1.6	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.448	-10.2	91	0.00
59	T	2-Hexanone	250.000	252.444	-1.0	84	0.00
60	T	Dibromochloromethane	50.000	50.854	-1.7	83	0.00
61	T	1,2-Dibromoethane	50.000	50.858	-1.7	85	0.00
62	S	4-Bromofluorobenzene	50.000	52.437	-4.9	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	51.732	-3.5	84	0.00
65	PM	Chlorobenzene	50.000	49.934	0.1	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.434	-0.9	84	0.00
67	C	Ethyl Benzene	50.000	51.519	-3.0#	81	0.00
68	T	m/p-Xylenes	100.000	105.460	-5.5	81	0.00
69	T	o-Xylene	50.000	53.276	-6.6	81	0.00
70	T	Styrene	50.000	54.887	-9.8	81	0.00
71	P	Bromoform	50.000	52.029	-4.1	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	51.428	-2.9	81	0.00
74	T	N-amyl acetate	50.000	47.926	4.1	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.620	2.8	88	0.00
76	T	1,2,3-Trichloropropane	50.000	46.548	6.9	82	0.00
77	T	Bromobenzene	50.000	49.491	1.0	83	0.00
78	T	n-propylbenzene	50.000	50.674	-1.3	82	0.00
79	T	2-Chlorotoluene	50.000	50.715	-1.4	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.321	-2.6	80	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.625	10.8	77	0.00
82	T	4-Chlorotoluene	50.000	50.377	-0.8	82	0.00
83	T	tert-Butylbenzene	50.000	52.043	-4.1	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.694	-5.4	82	0.00
85	T	sec-Butylbenzene	50.000	50.379	-0.8	80	0.00
86	T	p-Isopropyltoluene	50.000	51.982	-4.0	81	0.00
87	T	1,3-Dichlorobenzene	50.000	49.826	0.3	83	0.00
88	T	1,4-Dichlorobenzene	50.000	48.740	2.5	83	0.00
89	T	n-Butylbenzene	50.000	48.783	2.4	78	0.00
90	T	Hexachloroethane	50.000	45.750	8.5	82	0.00
91	T	1,2-Dichlorobenzene	50.000	49.059	1.9	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.401	1.2	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.145	1.7	82	0.00
94	T	Hexachlorobutadiene	50.000	47.143	5.7	85	0.00
95	T	Naphthalene	50.000	51.348	-2.7	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.209	1.6	92	0.00

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