Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077941.D
Acq On : 16 Dec 2023 18:34
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 18 02:02:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 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	76	0.00
2	T	Dichlorodifluoromethane	50.000	37.099	25.8#	58	0.00
3	P	Chloromethane	50.000	49.971	0.1	77	0.00
4	C	Vinyl Chloride	50.000	50.800	-1.6#	75	0.00
5	T	Bromomethane	50.000	59.241	-18.5	86	0.00
6	T	Chloroethane	50.000	53.258	-6.5	79	0.00
7	T	Trichlorofluoromethane	50.000	42.832	14.3	64	0.00
8	T	Diethyl Ether	50.000	49.277	1.4	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.342	13.3	64	0.00
10	T	Methyl Iodide	50.000	54.267	-8.5	82	0.00
11	T	Tert butyl alcohol	250.000	268.805	-7.5	83	0.00
12	CM	1,1-Dichloroethene	50.000	43.100	13.8#	63	0.00
13	T	Acrolein	250.000	192.980	22.8	59	0.00
14	T	Allyl chloride	50.000	42.840	14.3	64	0.00
15	T	Acrylonitrile	250.000	260.334	-4.1	78	0.00
16	T	Acetone	250.000	241.619	3.4	79	0.00
17	T	Carbon Disulfide	50.000	41.727	16.5	62	0.00
18	T	Methyl Acetate	50.000	60.192	-20.4	91	0.00
19	T	Methyl tert-butyl Ether	50.000	51.765	-3.5	77	0.00
20	T	Methylene Chloride	50.000	53.238	-6.5	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.320	5.4	67	0.00
22	T	Diisopropyl ether	50.000	50.024	-0.0	72	0.00
23	T	Vinyl Acetate	250.000	235.131	5.9	68	0.00
24	P	1,1-Dichloroethane	50.000	49.591	0.8	73	0.00
25	T	2-Butanone	250.000	243.316	2.7	78	0.00
26	T	2,2-Dichloropropane	50.000	44.792	10.4	66	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.026	-2.1	74	0.00
28	T	Bromochloromethane	50.000	53.509	-7.0	79	0.00
29	T	Tetrahydrofuran	250.000	259.532	-3.8	78	0.00
30	C	Chloroform	50.000	51.154	-2.3#	75	0.00
31	T	Cyclohexane	50.000	40.555	18.9	61	0.00
32	T	1,1,1-Trichloroethane	50.000	46.233	7.5	67	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.178	-2.4	75	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	49.585	0.8	78	0.00
36	T	1,1-Dichloropropene	50.000	41.914	16.2	65	0.00
37	T	Ethyl Acetate	50.000	42.969	14.1	77	0.00
38	T	Carbon Tetrachloride	50.000	42.124	15.8	65	0.00
39	T	Methylcyclohexane	50.000	42.016	16.0	63	0.00
40	TM	Benzene	50.000	46.696	6.6	73	0.00
41	T	Methacrylonitrile	50.000	50.104	-0.2	87	0.00
42	TM	1,2-Dichloroethane	50.000	48.289	3.4	76	0.00
43	T	Isopropyl Acetate	50.000	48.218	3.6	79	0.00
44	TM	Trichloroethene	50.000	44.969	10.1	69	0.00
45	C	1,2-Dichloropropane	50.000	48.605	2.8#	76	0.00
46	T	Dibromomethane	50.000	50.999	-2.0	80	0.00
47	T	Bromodichloromethane	50.000	50.530	-1.1	78	0.00
48	T	Methyl methacrylate	50.000	44.135	11.7	71	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	910.031	9.0	82	0.00
50	S	Toluene-d8	50.000	48.873	2.3	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.645	2.9	77	0.00
52	CM	Toluene	50.000	47.522	5.0#	72	0.00
53	T	t-1,3-Dichloropropene	50.000	49.152	1.7	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.425	1.2	77	0.00
55	T	1,1,2-Trichloroethane	50.000	51.952	-3.9	82	0.00
56	T	Ethyl methacrylate	50.000	51.469	-2.9	80	0.00
57	T	1,3-Dichloropropane	50.000	50.436	-0.9	79	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.038	-0.0	86	0.00
59	T	2-Hexanone	250.000	213.410	14.6	78	0.00
60	T	Dibromochloromethane	50.000	51.513	-3.0	80	0.00
61	T	1,2-Dibromoethane	50.000	50.162	-0.3	80	0.00
62	S	4-Bromofluorobenzene	50.000	52.530	-5.1	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	42.639	14.7	70	0.00
65	PM	Chlorobenzene	50.000	43.565	12.9	75	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.236	7.5	77	0.00
67	C	Ethyl Benzene	50.000	44.617	10.8#	73	0.00
68	T	m/p-Xylenes	100.000	90.196	9.8	73	0.00
69	T	o-Xylene	50.000	46.428	7.1	76	0.00
70	T	Styrene	50.000	47.834	4.3	77	0.00
71	P	Bromoform	50.000	48.819	2.4	83	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	44.179	11.6	72	0.00
74	T	N-amyl acetate	50.000	42.113	15.8	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.502	3.0	82	0.00
76	T	1,2,3-Trichloropropane	50.000	47.699	4.6	71	0.00
77	T	Bromobenzene	50.000	46.785	6.4	80	0.00
78	T	n-propylbenzene	50.000	44.887	10.2	73	0.00
79	T	2-Chlorotoluene	50.000	45.371	9.3	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.722	10.6	73	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.644	6.7	80	0.00
82	T	4-Chlorotoluene	50.000	45.934	8.1	76	0.00
83	T	tert-Butylbenzene	50.000	46.721	6.6	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.611	6.8	76	0.00
85	T	sec-Butylbenzene	50.000	45.454	9.1	73	0.00
86	T	p-Isopropyltoluene	50.000	45.643	8.7	73	0.00
87	T	1,3-Dichlorobenzene	50.000	46.971	6.1	78	0.00
88	T	1,4-Dichlorobenzene	50.000	46.057	7.9	77	0.00
89	T	n-Butylbenzene	50.000	46.017	8.0	73	0.00
90	T	Hexachloroethane	50.000	48.671	2.7	80	0.00
91	T	1,2-Dichlorobenzene	50.000	47.455	5.1	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.855	2.3	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.719	8.6	80	0.00
94	T	Hexachlorobutadiene	50.000	43.110	13.8	71	0.00
95	T	Naphthalene	50.000	54.519	-9.0	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.332	5.3	82	0.00

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