Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
Data File : VD079653.D
Acq On : 07 Aug 2024 20:46
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 08 01:56:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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	62	0.00
2	T	Dichlorodifluoromethane	50.000	46.993	6.0	59	0.00
3	P	Chloromethane	50.000	49.892	0.2	65	0.00
4	C	Vinyl Chloride	50.000	50.692	-1.4#	62	0.00
5	T	Bromomethane	50.000	57.783	-15.6	70	0.00
6	T	Chloroethane	50.000	56.856	-13.7	74	0.00
7	T	Trichlorofluoromethane	50.000	50.544	-1.1	62	0.00
8	T	Diethyl Ether	50.000	52.750	-5.5	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.980	-4.0	63	0.00
10	T	Methyl Iodide	50.000	50.459	-0.9	57	0.01
11	T	Tert butyl alcohol	250.000	321.746	-28.7#	93	0.00
12	CM	1,1-Dichloroethene	50.000	49.676	0.6#	60	0.01
13	T	Acrolein	250.000	159.966	36.0#	44	0.00
14	T	Allyl chloride	50.000	52.311	-4.6	64	0.01
15	T	Acrylonitrile	250.000	293.691	-17.5	89	0.00
16	T	Acetone	250.000	243.608	2.6	69	0.00
17	T	Carbon Disulfide	50.000	47.899	4.2	57	0.00
18	T	Methyl Acetate	50.000	58.710	-17.4	93	-0.01
19	T	Methyl tert-butyl Ether	50.000	56.804	-13.6	78	0.00
20	T	Methylene Chloride	50.000	56.060	-12.1	67	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.558	-3.1	62	0.00
22	T	Diisopropyl ether	50.000	57.671	-15.3	72	0.00
23	T	Vinyl Acetate	250.000	298.464	-19.4	80	0.00
24	P	1,1-Dichloroethane	50.000	54.002	-8.0	67	0.00
25	T	2-Butanone	250.000	277.083	-10.8	84	-0.01
26	T	2,2-Dichloropropane	50.000	49.775	0.5	60	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.534	-9.1	66	0.00
28	T	Bromochloromethane	50.000	55.582	-11.2	81	0.00
29	T	Tetrahydrofuran	250.000	295.962	-18.4	91	0.00
30	C	Chloroform	50.000	55.898	-11.8#	70	0.00
31	T	Cyclohexane	50.000	49.805	0.4	62	0.00
32	T	1,1,1-Trichloroethane	50.000	53.530	-7.1	65	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.459	-2.9	71	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	46.957	6.1	66	0.00
36	T	1,1-Dichloropropene	50.000	49.407	1.2	63	0.00
37	T	Ethyl Acetate	50.000	56.130	-12.3	90	0.00
38	T	Carbon Tetrachloride	50.000	48.761	2.5	63	0.00
39	T	Methylcyclohexane	50.000	47.078	5.8	59	0.00
40	TM	Benzene	50.000	51.165	-2.3	67	0.00
41	T	Methacrylonitrile	50.000	53.864	-7.7	95	-0.02
42	TM	1,2-Dichloroethane	50.000	50.465	-0.9	73	0.00
43	T	Isopropyl Acetate	50.000	54.132	-8.3	86	0.00
44	TM	Trichloroethene	50.000	83.769	-67.5#	110	0.00
45	C	1,2-Dichloropropane	50.000	53.530	-7.1#	72	0.00
46	T	Dibromomethane	50.000	51.655	-3.3	75	0.00
47	T	Bromodichloromethane	50.000	52.413	-4.8	72	0.00
48	T	Methyl methacrylate	50.000	56.473	-12.9	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1060.683	-6.1	82	-0.01
50	S	Toluene-d8	50.000	45.896	8.2	61	0.00
51	T	4-Methyl-2-Pentanone	250.000	293.662	-17.5	94	0.00
52	CM	Toluene	50.000	51.793	-3.6#	66	0.00
53	T	t-1,3-Dichloropropene	50.000	51.105	-2.2	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.059	-4.1	71	0.00
55	T	1,1,2-Trichloroethane	50.000	53.997	-8.0	79	0.00
56	T	Ethyl methacrylate	50.000	54.668	-9.3	80	0.00
57	T	1,3-Dichloropropane	50.000	53.723	-7.4	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	296.858	-18.7	89	0.00
59	T	2-Hexanone	250.000	285.100	-14.0	88	0.00
60	T	Dibromochloromethane	50.000	51.489	-3.0	74	0.00
61	T	1,2-Dibromoethane	50.000	51.528	-3.1	76	0.00
62	S	4-Bromofluorobenzene	50.000	46.259	7.5	64	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	71	0.00
64	T	Tetrachloroethene	50.000	46.587	6.8	60	0.00
65	PM	Chlorobenzene	50.000	49.706	0.6	66	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.952	-1.9	68	0.00
67	C	Ethyl Benzene	50.000	51.442	-2.9#	65	0.00
68	T	m/p-Xylenes	100.000	102.552	-2.6	65	0.00
69	T	o-Xylene	50.000	51.509	-3.0	65	0.00
70	T	Styrene	50.000	52.586	-5.2	66	0.00
71	P	Bromoform	50.000	50.192	-0.4	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73	T	Isopropylbenzene	50.000	46.722	6.6	64	0.00
74	T	N-amyl acetate	50.000	55.425	-10.8	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.424	-8.8	85	0.00
76	T	1,2,3-Trichloropropane	50.000	60.533	-21.1	107	0.00
77	T	Bromobenzene	50.000	49.459	1.1	67	0.00
78	T	n-propylbenzene	50.000	51.519	-3.0	64	0.00
79	T	2-Chlorotoluene	50.000	52.106	-4.2	67	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.931	-3.9	65	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.619	-11.2	88	0.00
82	T	4-Chlorotoluene	50.000	51.688	-3.4	67	0.00
83	T	tert-Butylbenzene	50.000	45.373	9.3	63	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.452	5.1	65	0.00
85	T	sec-Butylbenzene	50.000	50.347	-0.7	63	0.00
86	T	p-Isopropyltoluene	50.000	44.605	10.8	62	0.00
87	T	1,3-Dichlorobenzene	50.000	47.811	4.4	65	0.00
88	T	1,4-Dichlorobenzene	50.000	48.007	4.0	67	0.00
89	T	n-Butylbenzene	50.000	44.655	10.7	62	0.00
90	T	Hexachloroethane	50.000	48.909	2.2	64	0.00
91	T	1,2-Dichlorobenzene	50.000	49.184	1.6	68	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.779	-9.6	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.141	11.7	63	0.00
94	T	Hexachlorobutadiene	50.000	41.880	16.2	56	0.00
95	T	Naphthalene	50.000	51.445	-2.9	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.022	8.0	67	0.00

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