Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
Data File : VD079575.D
Acq On : 05 Aug 2024 12:15
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 06 02:43:18 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	88	0.00
2	T	Dichlorodifluoromethane	50.000	46.472	7.1	83	0.00
3	P	Chloromethane	50.000	50.259	-0.5	92	0.00
4	C	Vinyl Chloride	50.000	49.374	1.3#	85	0.00
5	T	Bromomethane	50.000	48.844	2.3	84	0.00
6	T	Chloroethane	50.000	47.879	4.2	88	0.00
7	T	Trichlorofluoromethane	50.000	46.572	6.9	80	0.00
8	T	Diethyl Ether	50.000	54.115	-8.2	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.971	8.1	79	0.00
10	T	Methyl Iodide	50.000	50.087	-0.2	79	0.01
11	T	Tert butyl alcohol	250.000	301.210	-20.5	121	0.01
12	CM	1,1-Dichloroethene	50.000	48.415	3.2#	82	0.00
13	T	Acrolein	250.000	222.917	10.8	87	0.00
14	T	Allyl chloride	50.000	55.691	-11.4	97	0.00
15	T	Acrylonitrile	250.000	275.460	-10.2	118	0.00
16	T	Acetone	250.000	302.623	-21.0	121	0.00
17	T	Carbon Disulfide	50.000	46.756	6.5	79	0.00
18	T	Methyl Acetate	50.000	50.295	-0.6	112	0.00
19	T	Methyl tert-butyl Ether	50.000	53.692	-7.4	104	0.00
20	T	Methylene Chloride	50.000	48.001	4.0	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.000	2.0	83	0.00
22	T	Diisopropyl ether	50.000	55.704	-11.4	98	0.00
23	T	Vinyl Acetate	250.000	290.162	-16.1	110	0.00
24	P	1,1-Dichloroethane	50.000	51.407	-2.8	90	0.00
25	T	2-Butanone	250.000	281.100	-12.4	120	-0.01
26	T	2,2-Dichloropropane	50.000	49.456	1.1	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.568	0.9	84	0.00
28	T	Bromochloromethane	50.000	52.815	-5.6	109	0.00
29	T	Tetrahydrofuran	250.000	276.746	-10.7	120	0.00
30	C	Chloroform	50.000	50.272	-0.5#	89	0.00
31	T	Cyclohexane	50.000	47.996	4.0	84	0.00
32	T	1,1,1-Trichloroethane	50.000	47.843	4.3	81	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.439	5.1	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	40.903	18.2	83	0.00
36	T	1,1-Dichloropropene	50.000	45.766	8.5	84	0.00
37	T	Ethyl Acetate	50.000	50.856	-1.7	117	-0.01
38	T	Carbon Tetrachloride	50.000	43.444	13.1	80	0.00
39	T	Methylcyclohexane	50.000	45.070	9.9	82	0.00
40	TM	Benzene	50.000	46.546	6.9	88	0.00
41	T	Methacrylonitrile	50.000	51.926	-3.9	132	-0.02
42	TM	1,2-Dichloroethane	50.000	45.974	8.1	96	0.00
43	T	Isopropyl Acetate	50.000	50.873	-1.7	117	0.00
44	TM	Trichloroethene	50.000	43.006	14.0	81	0.00
45	C	1,2-Dichloropropane	50.000	47.818	4.4#	93	0.00
46	T	Dibromomethane	50.000	44.834	10.3	94	0.00
47	T	Bromodichloromethane	50.000	46.164	7.7	91	0.00
48	T	Methyl methacrylate	50.000	51.263	-2.5	112	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	966.347	3.4	108	-0.01
50	S	Toluene-d8	50.000	42.164	15.7	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.733	-2.3	118	0.00
52	CM	Toluene	50.000	46.419	7.2#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	47.706	4.6	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.217	3.6	94	0.00
55	T	1,1,2-Trichloroethane	50.000	45.371	9.3	96	0.00
56	T	Ethyl methacrylate	50.000	50.288	-0.6	106	0.00
57	T	1,3-Dichloropropane	50.000	47.468	5.1	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	257.807	-3.1	111	0.00
59	T	2-Hexanone	250.000	268.714	-7.5	120	0.00
60	T	Dibromochloromethane	50.000	43.616	12.8	90	0.00
61	T	1,2-Dibromoethane	50.000	44.587	10.8	95	0.00
62	S	4-Bromofluorobenzene	50.000	43.096	13.8	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	41.485	17.0	76	0.00
65	PM	Chlorobenzene	50.000	45.767	8.5	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.924	8.2	86	0.00
67	C	Ethyl Benzene	50.000	48.091	3.8#	85	0.00
68	T	m/p-Xylenes	100.000	95.136	4.9	85	0.00
69	T	o-Xylene	50.000	47.876	4.2	85	0.00
70	T	Styrene	50.000	48.396	3.2	86	0.00
71	P	Bromoform	50.000	43.133	13.7	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	44.986	10.0	83	0.00
74	T	N-amyl acetate	50.000	54.377	-8.8	115	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.732	4.5	102	0.00
76	T	1,2,3-Trichloropropane	50.000	54.766	-9.5	132	0.00
77	T	Bromobenzene	50.000	45.483	9.0	84	0.00
78	T	n-propylbenzene	50.000	49.975	0.0	85	0.00
79	T	2-Chlorotoluene	50.000	49.936	0.1	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.134	-0.3	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.290	-0.6	109	0.00
82	T	4-Chlorotoluene	50.000	50.035	-0.1	88	0.00
83	T	tert-Butylbenzene	50.000	44.733	10.5	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.804	8.4	86	0.00
85	T	sec-Butylbenzene	50.000	49.115	1.8	84	0.00
86	T	p-Isopropyltoluene	50.000	44.289	11.4	84	0.00
87	T	1,3-Dichlorobenzene	50.000	45.648	8.7	84	0.00
88	T	1,4-Dichlorobenzene	50.000	45.586	8.8	86	0.00
89	T	n-Butylbenzene	50.000	45.284	9.4	85	0.00
90	T	Hexachloroethane	50.000	46.289	7.4	83	0.00
91	T	1,2-Dichlorobenzene	50.000	45.926	8.1	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.532	0.9	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.831	8.3	89	0.00
94	T	Hexachlorobutadiene	50.000	42.975	14.0	78	0.00
95	T	Naphthalene	50.000	50.158	-0.3	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.039	9.9	90	0.00

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