Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
Data File : VD078396.D
Acq On : 09 Feb 2024 20:15
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 09 23:04:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	41.308	17.4	66	0.00
3	P	Chloromethane	50.000	44.842	10.3	76	0.00
4	C	Vinyl Chloride	50.000	42.566	14.9#	70	0.00
5	T	Bromomethane	50.000	39.308	21.4	71	-0.01
6	T	Chloroethane	50.000	46.496	7.0	80	-0.01
7	T	Trichlorofluoromethane	50.000	40.309	19.4	67	0.00
8	T	Diethyl Ether	50.000	47.301	5.4	79	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	39.916	20.2	69	0.00
10	T	Methyl Iodide	50.000	40.968	18.1	62	-0.01
11	T	Tert butyl alcohol	250.000	266.382	-6.6	97	0.02
12	CM	1,1-Dichloroethene	50.000	40.086	19.8#	67	0.00
13	T	Acrolein	250.000	189.376	24.2	68	0.00
14	T	Allyl chloride	50.000	42.586	14.8	69	0.00
15	T	Acrylonitrile	250.000	245.847	1.7	81	0.00
16	T	Acetone	250.000	212.327	15.1	67	0.00
17	T	Carbon Disulfide	50.000	38.934	22.1	66	-0.01
18	T	Methyl Acetate	50.000	56.524	-13.0	81	0.00
19	T	Methyl tert-butyl Ether	50.000	49.945	0.1	79	-0.01
20	T	Methylene Chloride	50.000	54.010	-8.0	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.486	11.0	72	-0.01
22	T	Diisopropyl ether	50.000	48.214	3.6	76	0.00
23	T	Vinyl Acetate	250.000	235.273	5.9	76	0.00
24	P	1,1-Dichloroethane	50.000	45.581	8.8	75	0.00
25	T	2-Butanone	250.000	229.298	8.3	78	0.00
26	T	2,2-Dichloropropane	50.000	39.763	20.5	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.102	9.8	73	0.00
28	T	Bromochloromethane	50.000	57.873	-15.7	92	0.00
29	T	Tetrahydrofuran	250.000	266.015	-6.4	84	0.00
30	C	Chloroform	50.000	47.738	4.5#	78	-0.01
31	T	Cyclohexane	50.000	38.969	22.1	66	0.00
32	T	1,1,1-Trichloroethane	50.000	45.271	9.5	74	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.624	-15.2	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	56.463	-12.9	94	0.00
36	T	1,1-Dichloropropene	50.000	43.375	13.3	71	0.00
37	T	Ethyl Acetate	50.000	45.949	8.1	81	0.00
38	T	Carbon Tetrachloride	50.000	44.110	11.8	74	0.00
39	T	Methylcyclohexane	50.000	40.751	18.5	67	0.00
40	TM	Benzene	50.000	45.225	9.5	75	0.00
41	T	Methacrylonitrile	50.000	56.096	-12.2	87	-0.01
42	TM	1,2-Dichloroethane	50.000	48.526	2.9	82	0.00
43	T	Isopropyl Acetate	50.000	52.512	-5.0	84	0.00
44	TM	Trichloroethene	50.000	45.121	9.8	75	0.00
45	C	1,2-Dichloropropane	50.000	45.465	9.1#	75	0.00
46	T	Dibromomethane	50.000	48.967	2.1	81	0.00
47	T	Bromodichloromethane	50.000	48.863	2.3	79	0.00
48	T	Methyl methacrylate	50.000	49.704	0.6	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1071.445	-7.1	91	0.00
50	S	Toluene-d8	50.000	52.737	-5.5	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.252	-5.3	85	0.00
52	CM	Toluene	50.000	47.179	5.6#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	47.577	4.8	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.816	4.4	78	0.00
55	T	1,1,2-Trichloroethane	50.000	50.289	-0.6	80	0.00
56	T	Ethyl methacrylate	50.000	51.310	-2.6	79	0.00
57	T	1,3-Dichloropropane	50.000	49.139	1.7	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	304.270	-21.7	94	0.00
59	T	2-Hexanone	250.000	245.932	1.6	81	0.00
60	T	Dibromochloromethane	50.000	51.703	-3.4	84	0.00
61	T	1,2-Dibromoethane	50.000	51.364	-2.7	85	0.00
62	S	4-Bromofluorobenzene	50.000	57.862	-15.7	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	46.103	7.8	81	0.00
65	PM	Chlorobenzene	50.000	44.143	11.7	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.042	7.9	82	0.00
67	C	Ethyl Benzene	50.000	43.732	12.5#	74	0.00
68	T	m/p-Xylenes	100.000	88.894	11.1	76	0.00
69	T	o-Xylene	50.000	45.139	9.7	75	0.00
70	T	Styrene	50.000	47.381	5.2	79	0.00
71	P	Bromoform	50.000	50.858	-1.7	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	40.994	18.0	75	0.00
74	T	N-amyl acetate	50.000	46.450	7.1	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.091	9.8	86	0.00
76	T	1,2,3-Trichloropropane	50.000	44.682	10.6	98	0.00
77	T	Bromobenzene	50.000	43.085	13.8	82	0.00
78	T	n-propylbenzene	50.000	41.896	16.2	76	0.00
79	T	2-Chlorotoluene	50.000	42.874	14.3	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.117	13.8	77	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.064	13.9	79	0.00
82	T	4-Chlorotoluene	50.000	42.585	14.8	79	0.00
83	T	tert-Butylbenzene	50.000	41.630	16.7	76	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.547	12.9	78	0.00
85	T	sec-Butylbenzene	50.000	41.353	17.3	76	0.00
86	T	p-Isopropyltoluene	50.000	42.540	14.9	78	0.00
87	T	1,3-Dichlorobenzene	50.000	44.344	11.3	81	0.00
88	T	1,4-Dichlorobenzene	50.000	43.581	12.8	81	0.00
89	T	n-Butylbenzene	50.000	41.249	17.5	76	0.00
90	T	Hexachloroethane	50.000	42.652	14.7	79	0.00
91	T	1,2-Dichlorobenzene	50.000	45.460	9.1	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.892	4.2	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.556	10.9	83	0.00
94	T	Hexachlorobutadiene	50.000	42.716	14.6	80	0.00
95	T	Naphthalene	50.000	47.069	5.9	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.561	6.9	86	0.00

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