Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
Data File : VD078624.D
Acq On : 11 Mar 2024 09:59
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 12 01:34:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 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	93	0.00
2	T	Dichlorodifluoromethane	50.000	45.252	9.5	85	0.00
3	P	Chloromethane	50.000	46.358	7.3	83	0.00
4	C	Vinyl Chloride	50.000	41.851	16.3#	83	0.00
5	T	Bromomethane	50.000	40.893	18.2	86	0.00
6	T	Chloroethane	50.000	44.046	11.9	88	0.00
7	T	Trichlorofluoromethane	50.000	44.701	10.6	91	0.00
8	T	Diethyl Ether	50.000	45.176	9.6	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.975	12.0	90	0.00
10	T	Methyl Iodide	50.000	46.145	7.7	84	0.00
11	T	Tert butyl alcohol	250.000	215.920	13.6	89	0.01
12	CM	1,1-Dichloroethene	50.000	44.697	10.6#	87	0.00
13	T	Acrolein	250.000	199.982	20.0	73	0.00
14	T	Allyl chloride	50.000	44.455	11.1	86	0.00
15	T	Acrylonitrile	250.000	231.246	7.5	93	0.00
16	T	Acetone	250.000	288.175	-15.3	118	0.00
17	T	Carbon Disulfide	50.000	42.321	15.4	84	0.00
18	T	Methyl Acetate	50.000	52.966	-5.9	92	0.00
19	T	Methyl tert-butyl Ether	50.000	45.866	8.3	89	0.00
20	T	Methylene Chloride	50.000	41.348	17.3	79	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.407	9.2	88	0.00
22	T	Diisopropyl ether	50.000	47.051	5.9	89	0.00
23	T	Vinyl Acetate	250.000	232.742	6.9	89	0.00
24	P	1,1-Dichloroethane	50.000	45.358	9.3	88	0.00
25	T	2-Butanone	250.000	264.766	-5.9	108	0.00
26	T	2,2-Dichloropropane	50.000	46.054	7.9	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.926	6.1	91	0.00
28	T	Bromochloromethane	50.000	42.466	15.1	76	0.00
29	T	Tetrahydrofuran	250.000	229.235	8.3	89	0.00
30	C	Chloroform	50.000	46.901	6.2#	92	0.00
31	T	Cyclohexane	50.000	42.155	15.7	85	0.00
32	T	1,1,1-Trichloroethane	50.000	45.958	8.1	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.647	14.7	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	44.609	10.8	86	0.00
36	T	1,1-Dichloropropene	50.000	46.983	6.0	87	0.00
37	T	Ethyl Acetate	50.000	50.767	-1.5	94	0.00
38	T	Carbon Tetrachloride	50.000	49.215	1.6	94	0.00
39	T	Methylcyclohexane	50.000	45.827	8.3	80	0.00
40	TM	Benzene	50.000	48.370	3.3	90	0.00
41	T	Methacrylonitrile	50.000	46.203	7.6	83	0.00
42	TM	1,2-Dichloroethane	50.000	47.248	5.5	91	0.00
43	T	Isopropyl Acetate	50.000	44.998	10.0	90	0.00
44	TM	Trichloroethene	50.000	46.394	7.2	90	0.00
45	C	1,2-Dichloropropane	50.000	48.729	2.5#	91	0.00
46	T	Dibromomethane	50.000	49.245	1.5	93	0.00
47	T	Bromodichloromethane	50.000	49.268	1.5	94	0.00
48	T	Methyl methacrylate	50.000	49.574	0.9	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	974.437	2.6	99	0.00
50	S	Toluene-d8	50.000	45.244	9.5	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	247.289	1.1	94	0.00
52	CM	Toluene	50.000	49.613	0.8#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	49.222	1.6	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.161	1.7	93	0.00
55	T	1,1,2-Trichloroethane	50.000	48.434	3.1	95	0.00
56	T	Ethyl methacrylate	50.000	50.125	-0.3	93	0.00
57	T	1,3-Dichloropropane	50.000	48.858	2.3	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	297.342	-18.9	116	0.00
59	T	2-Hexanone	250.000	278.224	-11.3	107	0.00
60	T	Dibromochloromethane	50.000	49.992	0.0	94	0.00
61	T	1,2-Dibromoethane	50.000	49.367	1.3	94	0.00
62	S	4-Bromofluorobenzene	50.000	46.816	6.4	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	47.463	5.1	89	0.00
65	PM	Chlorobenzene	50.000	47.784	4.4	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.790	2.4	97	0.00
67	C	Ethyl Benzene	50.000	48.109	3.8#	89	0.00
68	T	m/p-Xylenes	100.000	99.241	0.8	90	0.00
69	T	o-Xylene	50.000	50.101	-0.2	92	0.00
70	T	Styrene	50.000	50.192	-0.4	90	0.00
71	P	Bromoform	50.000	49.618	0.8	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	47.423	5.2	89	0.00
74	T	N-amyl acetate	50.000	44.303	11.4	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.368	11.3	94	0.00
76	T	1,2,3-Trichloropropane	50.000	45.876	8.2	96	0.00
77	T	Bromobenzene	50.000	47.127	5.7	92	0.00
78	T	n-propylbenzene	50.000	47.556	4.9	90	0.00
79	T	2-Chlorotoluene	50.000	47.382	5.2	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.488	1.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.544	6.9	98	0.00
82	T	4-Chlorotoluene	50.000	47.584	4.8	91	0.00
83	T	tert-Butylbenzene	50.000	49.578	0.8	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.193	1.6	90	0.00
85	T	sec-Butylbenzene	50.000	48.142	3.7	88	0.00
86	T	p-Isopropyltoluene	50.000	49.003	2.0	88	0.00
87	T	1,3-Dichlorobenzene	50.000	47.623	4.8	92	0.00
88	T	1,4-Dichlorobenzene	50.000	48.010	4.0	96	0.00
89	T	n-Butylbenzene	50.000	47.677	4.6	87	0.00
90	T	Hexachloroethane	50.000	47.778	4.4	91	0.00
91	T	1,2-Dichlorobenzene	50.000	47.848	4.3	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.025	6.0	104	0.01
93	T	1,2,4-Trichlorobenzene	50.000	47.996	4.0	92	0.00
94	T	Hexachlorobutadiene	50.000	45.966	8.1	87	0.00
95	T	Naphthalene	50.000	47.679	4.6	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.748	6.5	91	0.00

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