Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
Data File : VD078366.D
Acq On : 08 Feb 2024 13:40
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: Feb 09 03:07:25 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	99	0.00
2	T	Dichlorodifluoromethane	50.000	46.333	7.3	90	0.00
3	P	Chloromethane	50.000	45.594	8.8	95	0.00
4	C	Vinyl Chloride	50.000	45.552	8.9#	92	0.00
5	T	Bromomethane	50.000	40.092	19.8	89	0.00
6	T	Chloroethane	50.000	43.209	13.6	92	-0.01
7	T	Trichlorofluoromethane	50.000	41.565	16.9	85	0.00
8	T	Diethyl Ether	50.000	42.456	15.1	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	41.457	17.1	89	0.00
10	T	Methyl Iodide	50.000	46.408	7.2	87	-0.01
11	T	Tert butyl alcohol	250.000	215.149	13.9	96	0.01
12	CM	1,1-Dichloroethene	50.000	40.843	18.3#	84	0.00
13	T	Acrolein	250.000	226.468	9.4	100	0.00
14	T	Allyl chloride	50.000	42.090	15.8	84	0.00
15	T	Acrylonitrile	250.000	202.971	18.8	82	0.00
16	T	Acetone	250.000	209.656	16.1	82	0.00
17	T	Carbon Disulfide	50.000	40.824	18.4	85	0.00
18	T	Methyl Acetate	50.000	46.049	7.9	81	0.00
19	T	Methyl tert-butyl Ether	50.000	42.274	15.5	82	0.00
20	T	Methylene Chloride	50.000	50.874	-1.7	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	41.822	16.4	84	-0.01
22	T	Diisopropyl ether	50.000	42.130	15.7	82	0.00
23	T	Vinyl Acetate	250.000	212.224	15.1	84	0.00
24	P	1,1-Dichloroethane	50.000	42.284	15.4	86	0.00
25	T	2-Butanone	250.000	201.958	19.2	84	0.00
26	T	2,2-Dichloropropane	50.000	43.052	13.9	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	41.695	16.6	83	0.00
28	T	Bromochloromethane	50.000	46.804	6.4	92	0.00
29	T	Tetrahydrofuran	250.000	204.834	18.1	80	0.01
30	C	Chloroform	50.000	42.233	15.5#	85	-0.01
31	T	Cyclohexane	50.000	39.634	20.7	82	0.00
32	T	1,1,1-Trichloroethane	50.000	42.609	14.8	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.273	13.5	87	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	43.259	13.5	88	0.00
36	T	1,1-Dichloropropene	50.000	42.393	15.2	85	0.00
37	T	Ethyl Acetate	50.000	41.459	17.1	89	0.00
38	T	Carbon Tetrachloride	50.000	43.119	13.8	88	0.00
39	T	Methylcyclohexane	50.000	42.618	14.8	85	0.00
40	TM	Benzene	50.000	41.432	17.1	84	0.00
41	T	Methacrylonitrile	50.000	41.160	17.7	78	0.00
42	TM	1,2-Dichloroethane	50.000	41.769	16.5	87	0.00
43	T	Isopropyl Acetate	50.000	42.768	14.5	84	0.00
44	TM	Trichloroethene	50.000	43.876	12.2	90	0.00
45	C	1,2-Dichloropropane	50.000	41.393	17.2#	84	0.00
46	T	Dibromomethane	50.000	42.080	15.8	86	0.00
47	T	Bromodichloromethane	50.000	41.267	17.5	82	0.00
48	T	Methyl methacrylate	50.000	43.095	13.8	84	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	841.203	15.9	87	0.00
50	S	Toluene-d8	50.000	41.872	16.3	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	210.761	15.7	83	0.00
52	CM	Toluene	50.000	43.175	13.7#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	42.482	15.0	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	42.804	14.4	85	0.00
55	T	1,1,2-Trichloroethane	50.000	42.445	15.1	83	0.00
56	T	Ethyl methacrylate	50.000	43.871	12.3	82	0.00
57	T	1,3-Dichloropropane	50.000	41.441	17.1	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	210.676	15.7	80	0.00
59	T	2-Hexanone	250.000	207.886	16.8	84	0.00
60	T	Dibromochloromethane	50.000	44.192	11.6	88	0.00
61	T	1,2-Dibromoethane	50.000	42.278	15.4	86	0.00
62	S	4-Bromofluorobenzene	50.000	42.956	14.1	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	44.224	11.6	87	0.00
65	PM	Chlorobenzene	50.000	42.874	14.3	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	42.757	14.5	85	0.00
67	C	Ethyl Benzene	50.000	44.040	11.9#	84	0.00
68	T	m/p-Xylenes	100.000	90.100	9.9	86	0.00
69	T	o-Xylene	50.000	44.419	11.2	83	0.00
70	T	Styrene	50.000	45.568	8.9	85	0.00
71	P	Bromoform	50.000	44.872	10.3	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	44.156	11.7	85	0.00
74	T	N-amyl acetate	50.000	43.416	13.2	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	41.517	17.0	83	0.00
76	T	1,2,3-Trichloropropane	50.000	46.927	6.1	109	0.00
77	T	Bromobenzene	50.000	43.647	12.7	87	0.00
78	T	n-propylbenzene	50.000	44.778	10.4	85	0.00
79	T	2-Chlorotoluene	50.000	44.314	11.4	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	45.117	9.8	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.532	14.9	82	0.00
82	T	4-Chlorotoluene	50.000	43.510	13.0	85	0.00
83	T	tert-Butylbenzene	50.000	45.164	9.7	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.900	10.2	85	0.00
85	T	sec-Butylbenzene	50.000	44.584	10.8	87	0.00
86	T	p-Isopropyltoluene	50.000	45.333	9.3	87	0.00
87	T	1,3-Dichlorobenzene	50.000	44.139	11.7	85	0.00
88	T	1,4-Dichlorobenzene	50.000	44.043	11.9	87	0.00
89	T	n-Butylbenzene	50.000	44.926	10.1	88	0.00
90	T	Hexachloroethane	50.000	44.586	10.8	88	0.00
91	T	1,2-Dichlorobenzene	50.000	43.870	12.3	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.655	10.7	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.924	8.2	91	0.00
94	T	Hexachlorobutadiene	50.000	46.584	6.8	92	0.00
95	T	Naphthalene	50.000	45.289	9.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.352	9.3	88	0.00

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