Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
Data File : VD078830.D
Acq On : 16 Apr 2024 18:13
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 16 22:35:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	47.121	5.8	77	0.00
3	P	Chloromethane	50.000	53.758	-7.5	87	0.00
4	C	Vinyl Chloride	50.000	54.308	-8.6#	87	0.00
5	T	Bromomethane	50.000	50.382	-0.8	88	0.00
6	T	Chloroethane	50.000	57.584	-15.2	95	0.00
7	T	Trichlorofluoromethane	50.000	47.553	4.9	78	-0.01
8	T	Diethyl Ether	50.000	51.690	-3.4	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.752	6.5	78	-0.01
10	T	Methyl Iodide	50.000	48.012	4.0	75	0.00
11	T	Tert butyl alcohol	250.000	283.250	-13.3	86	0.00
12	CM	1,1-Dichloroethene	50.000	49.563	0.9#	79	0.00
13	T	Acrolein	250.000	330.140	-32.1#	124	0.00
14	T	Allyl chloride	50.000	52.627	-5.3	86	-0.01
15	T	Acrylonitrile	250.000	274.525	-9.8	85	0.00
16	T	Acetone	250.000	233.978	6.4	72	0.00
17	T	Carbon Disulfide	50.000	50.197	-0.4	81	0.00
18	T	Methyl Acetate	50.000	51.641	-3.3	77	0.00
19	T	Methyl tert-butyl Ether	50.000	54.227	-8.5	85	0.00
20	T	Methylene Chloride	50.000	52.101	-4.2	82	-0.01
21	T	trans-1,2-Dichloroethene	50.000	49.122	1.8	79	0.00
22	T	Diisopropyl ether	50.000	55.281	-10.6	87	0.00
23	T	Vinyl Acetate	250.000	292.236	-16.9	90	0.00
24	P	1,1-Dichloroethane	50.000	51.273	-2.5	84	0.00
25	T	2-Butanone	250.000	261.843	-4.7	84	0.00
26	T	2,2-Dichloropropane	50.000	48.647	2.7	79	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.969	-1.9	83	0.00
28	T	Bromochloromethane	50.000	57.556	-15.1	80	0.00
29	T	Tetrahydrofuran	250.000	288.094	-15.2	87	0.00
30	C	Chloroform	50.000	50.921	-1.8#	85	0.00
31	T	Cyclohexane	50.000	48.282	3.4	81	0.00
32	T	1,1,1-Trichloroethane	50.000	48.286	3.4	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.383	-6.8	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	49.751	0.5	82	0.00
36	T	1,1-Dichloropropene	50.000	46.908	6.2	76	0.00
37	T	Ethyl Acetate	50.000	59.008	-18.0	97	0.00
38	T	Carbon Tetrachloride	50.000	48.368	3.3	81	0.00
39	T	Methylcyclohexane	50.000	49.633	0.7	78	0.00
40	TM	Benzene	50.000	50.012	-0.0	82	0.00
41	T	Methacrylonitrile	50.000	57.451	-14.9	96	0.00
42	TM	1,2-Dichloroethane	50.000	50.775	-1.5	82	0.00
43	T	Isopropyl Acetate	50.000	56.692	-13.4	89	0.00
44	TM	Trichloroethene	50.000	44.301	11.4	74	0.00
45	C	1,2-Dichloropropane	50.000	49.742	0.5#	82	0.00
46	T	Dibromomethane	50.000	51.786	-3.6	85	0.00
47	T	Bromodichloromethane	50.000	51.482	-3.0	86	0.00
48	T	Methyl methacrylate	50.000	55.158	-10.3	89	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	1009.880	-1.0	81	0.00
50	S	Toluene-d8	50.000	52.263	-4.5	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	295.111	-18.0	91	0.00
52	CM	Toluene	50.000	51.403	-2.8#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	49.658	0.7	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.889	2.2	80	0.00
55	T	1,1,2-Trichloroethane	50.000	51.114	-2.2	85	0.00
56	T	Ethyl methacrylate	50.000	57.365	-14.7	88	0.00
57	T	1,3-Dichloropropane	50.000	50.390	-0.8	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	302.658	-21.1	91	0.00
59	T	2-Hexanone	250.000	283.509	-13.4	88	0.00
60	T	Dibromochloromethane	50.000	54.958	-9.9	89	0.00
61	T	1,2-Dibromoethane	50.000	48.152	3.7	78	0.00
62	S	4-Bromofluorobenzene	50.000	51.171	-2.3	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	44.583	10.8	73	0.00
65	PM	Chlorobenzene	50.000	50.115	-0.2	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.344	3.3	81	0.00
67	C	Ethyl Benzene	50.000	49.748	0.5#	81	0.00
68	T	m/p-Xylenes	100.000	100.855	-0.9	82	0.00
69	T	o-Xylene	50.000	49.777	0.4	81	0.00
70	T	Styrene	50.000	54.741	-9.5	87	0.00
71	P	Bromoform	50.000	49.905	0.2	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	47.057	5.9	80	0.00
74	T	N-amyl acetate	50.000	55.239	-10.5	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.468	3.1	83	0.00
76	T	1,2,3-Trichloropropane	50.000	47.118	5.8	83	0.00
77	T	Bromobenzene	50.000	47.451	5.1	82	0.00
78	T	n-propylbenzene	50.000	48.111	3.8	81	0.00
79	T	2-Chlorotoluene	50.000	48.200	3.6	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.514	5.0	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.671	-9.3	92	0.00
82	T	4-Chlorotoluene	50.000	47.546	4.9	83	0.00
83	T	tert-Butylbenzene	50.000	46.477	7.0	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.606	2.8	81	0.00
85	T	sec-Butylbenzene	50.000	47.864	4.3	80	0.00
86	T	p-Isopropyltoluene	50.000	48.107	3.8	80	0.00
87	T	1,3-Dichlorobenzene	50.000	47.237	5.5	82	0.00
88	T	1,4-Dichlorobenzene	50.000	46.715	6.6	82	0.00
89	T	n-Butylbenzene	50.000	49.478	1.0	83	0.00
90	T	Hexachloroethane	50.000	45.942	8.1	81	0.00
91	T	1,2-Dichlorobenzene	50.000	48.161	3.7	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.686	4.6	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.712	8.6	82	0.00
94	T	Hexachlorobutadiene	50.000	42.764	14.5	78	0.00
95	T	Naphthalene	50.000	49.299	1.4	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.923	6.2	79	0.00

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