Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
Data File : VY017919.D
Acq On : 12 Apr 2024 09:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 13 00:26:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 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	52	0.00
2	T	Dichlorodifluoromethane	50.000	47.729	4.5	60	0.00
3	P	Chloromethane	50.000	50.754	-1.5	59	0.00
4	C	Vinyl Chloride	50.000	58.507	-17.0#	69	0.00
5	T	Bromomethane	50.000	64.688	-29.4#	80	0.00
6	T	Chloroethane	50.000	68.011	-36.0#	80	0.00
7	T	Trichlorofluoromethane	50.000	50.665	-1.3	61	0.00
8	T	Diethyl Ether	50.000	49.090	1.8	57	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.726	8.5	55	0.00
10	T	Methyl Iodide	50.000	47.733	4.5	51	0.00
11	T	Tert butyl alcohol	250.000	231.751	7.3	51	-0.01
12	CM	1,1-Dichloroethene	50.000	45.346	9.3#	53	0.00
13	T	Acrolein	250.000	205.141	17.9	46	0.00
14	T	Allyl chloride	50.000	42.791	14.4	49	0.00
15	T	Acrylonitrile	250.000	239.531	4.2	55	0.00
16	T	Acetone	250.000	260.622	-4.2	59	0.00
17	T	Carbon Disulfide	50.000	41.446	17.1	45	0.00
18	T	Methyl Acetate	50.000	48.080	3.8	57	0.00
19	T	Methyl tert-butyl Ether	50.000	50.935	-1.9	59	0.00
20	T	Methylene Chloride	50.000	46.013	8.0	52	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.570	2.9	56	0.00
22	T	Diisopropyl ether	50.000	48.735	2.5	56	0.00
23	T	Vinyl Acetate	250.000	245.342	1.9	56	0.00
24	P	1,1-Dichloroethane	50.000	49.548	0.9	58	0.00
25	T	2-Butanone	250.000	251.745	-0.7	58	0.00
26	T	2,2-Dichloropropane	50.000	48.494	3.0	59	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.673	-1.3	59	0.00
28	T	Bromochloromethane	50.000	49.073	1.9	48	0.00
29	T	Tetrahydrofuran	250.000	240.376	3.8	55	0.00
30	C	Chloroform	50.000	52.249	-4.5#	62	0.00
31	T	Cyclohexane	50.000	39.957	20.1	48	0.00
32	T	1,1,1-Trichloroethane	50.000	50.581	-1.2	60	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.237	-22.5	69	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	52	0.00
35	S	Dibromofluoromethane	50.000	61.372	-22.7	69	0.00
36	T	1,1-Dichloropropene	50.000	47.352	5.3	55	0.00
37	T	Ethyl Acetate	50.000	47.347	5.3	57	0.00
38	T	Carbon Tetrachloride	50.000	48.983	2.0	58	0.00
39	T	Methylcyclohexane	50.000	43.933	12.1	50	0.00
40	TM	Benzene	50.000	48.874	2.3	58	0.00
41	T	Methacrylonitrile	50.000	52.120	-4.2	56	0.00
42	TM	1,2-Dichloroethane	50.000	52.028	-4.1	61	0.00
43	T	Isopropyl Acetate	50.000	47.624	4.8	57	0.00
44	TM	Trichloroethene	50.000	47.992	4.0	57	0.00
45	C	1,2-Dichloropropane	50.000	49.333	1.3#	59	0.00
46	T	Dibromomethane	50.000	50.693	-1.4	60	0.00
47	T	Bromodichloromethane	50.000	52.846	-5.7	63	0.00
48	T	Methyl methacrylate	50.000	49.091	1.8	54	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	985.090	1.5	56	0.00
50	S	Toluene-d8	50.000	58.962	-17.9	65	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.327	-6.5	58	0.00
52	CM	Toluene	50.000	49.895	0.2#	59	0.00
53	T	t-1,3-Dichloropropene	50.000	50.302	-0.6	59	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.053	-0.1	59	0.00
55	T	1,1,2-Trichloroethane	50.000	51.683	-3.4	63	0.00
56	T	Ethyl methacrylate	50.000	52.358	-4.7	57	0.00
57	T	1,3-Dichloropropane	50.000	50.845	-1.7	60	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	287.301	-14.9	55	0.00
59	T	2-Hexanone	250.000	263.726	-5.5	57	0.00
60	T	Dibromochloromethane	50.000	51.760	-3.5	62	0.00
61	T	1,2-Dibromoethane	50.000	50.933	-1.9	60	0.00
62	S	4-Bromofluorobenzene	50.000	59.228	-18.5	67	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	54	0.00
64	T	Tetrachloroethene	50.000	47.744	4.5	59	0.00
65	PM	Chlorobenzene	50.000	47.783	4.4	59	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.607	-1.2	63	0.00
67	C	Ethyl Benzene	50.000	49.284	1.4#	60	0.00
68	T	m/p-Xylenes	100.000	99.162	0.8	60	0.00
69	T	o-Xylene	50.000	54.741	-9.5	61	0.00
70	T	Styrene	50.000	55.806	-11.6	62	0.00
71	P	Bromoform	50.000	50.158	-0.3	62	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	52	0.00
73	T	Isopropylbenzene	50.000	50.629	-1.3	61	0.00
74	T	N-amyl acetate	50.000	49.673	0.7	53	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.169	1.7	60	0.00
76	T	1,2,3-Trichloropropane	50.000	45.761	8.5	54	0.00
77	T	Bromobenzene	50.000	49.536	0.9	62	0.00
78	T	n-propylbenzene	50.000	50.178	-0.4	60	0.00
79	T	2-Chlorotoluene	50.000	49.170	1.7	59	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.974	-1.9	61	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.106	-0.2	56	0.00
82	T	4-Chlorotoluene	50.000	48.949	2.1	59	0.00
83	T	tert-Butylbenzene	50.000	49.806	0.4	61	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.207	-2.4	61	0.00
85	T	sec-Butylbenzene	50.000	50.707	-1.4	61	0.00
86	T	p-Isopropyltoluene	50.000	50.510	-1.0	61	0.00
87	T	1,3-Dichlorobenzene	50.000	50.345	-0.7	63	0.00
88	T	1,4-Dichlorobenzene	50.000	49.564	0.9	61	0.00
89	T	n-Butylbenzene	50.000	50.602	-1.2	60	0.00
90	T	Hexachloroethane	50.000	65.251	-30.5#	81	0.00
91	T	1,2-Dichlorobenzene	50.000	50.537	-1.1	60	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	86.076	-72.2#	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	100.013	-100.0#	116	0.00
94	T	Hexachlorobutadiene	50.000	99.145	-98.3#	121	0.00
95	T	Naphthalene	50.000	86.854	-73.7#	109	0.00

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	Compound	Amount	Calc.	%Dev Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	99.233	-98.5# 115	0.00

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