Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
Data File : VY017743.D
Acq On : 22 Mar 2024 13:22
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY032224

Quant Time: Mar 23 04:31:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 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	124	-0.02
2	T	Dichlorodifluoromethane	50.000	48.841	2.3	123	0.00
3	P	Chloromethane	50.000	52.559	-5.1	125	0.00
4	C	Vinyl Chloride	50.000	52.489	-5.0#	123	0.00
5	T	Bromomethane	50.000	52.016	-4.0	131	0.00
6	T	Chloroethane	50.000	51.663	-3.3	124	0.00
7	T	Trichlorofluoromethane	50.000	55.541	-11.1	132	-0.01
8	T	Diethyl Ether	50.000	51.468	-2.9	120	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.932	-3.9	123	-0.02
10	T	Methyl Iodide	50.000	52.365	-4.7	114	-0.01
11	T	Tert butyl alcohol	250.000	224.454	10.2	117	-0.02
12	CM	1,1-Dichloroethene	50.000	53.745	-7.5#	124	-0.02
13	T	Acrolein	250.000	233.855	6.5	106	-0.02
14	T	Allyl chloride	50.000	50.617	-1.2	113	-0.02
15	T	Acrylonitrile	250.000	250.146	-0.1	114	-0.02
16	T	Acetone	250.000	277.881	-11.2	121	-0.02
17	T	Carbon Disulfide	50.000	51.009	-2.0	119	-0.01
18	T	Methyl Acetate	50.000	48.518	3.0	111	-0.02
19	T	Methyl tert-butyl Ether	50.000	52.287	-4.6	116	-0.02
20	T	Methylene Chloride	50.000	48.589	2.8	121	-0.02
21	T	trans-1,2-Dichloroethene	50.000	52.352	-4.7	120	-0.02
22	T	Diisopropyl ether	50.000	50.361	-0.7	112	-0.01
23	T	Vinyl Acetate	250.000	256.420	-2.6	112	-0.02
24	P	1,1-Dichloroethane	50.000	50.492	-1.0	115	-0.02
25	T	2-Butanone	250.000	239.364	4.3	117	-0.01
26	T	2,2-Dichloropropane	50.000	52.520	-5.0	121	-0.01
27	T	cis-1,2-Dichloroethene	50.000	52.075	-4.2	118	-0.01
28	T	Bromochloromethane	50.000	44.663	10.7	107	-0.01
29	T	Tetrahydrofuran	250.000	227.473	9.0	109	-0.01
30	C	Chloroform	50.000	50.370	-0.7#	117	-0.02
31	T	Cyclohexane	50.000	49.235	1.5	117	-0.01
32	T	1,1,1-Trichloroethane	50.000	51.724	-3.4	119	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.577	2.8	119	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	121	-0.01
35	S	Dibromofluoromethane	50.000	50.581	-1.2	119	-0.01
36	T	1,1-Dichloropropene	50.000	52.515	-5.0	118	-0.01
37	T	Ethyl Acetate	50.000	50.006	-0.0	111	-0.02
38	T	Carbon Tetrachloride	50.000	54.512	-9.0	122	-0.01
39	T	Methylcyclohexane	50.000	54.765	-9.5	117	0.00
40	TM	Benzene	50.000	52.410	-4.8	115	-0.01
41	T	Methacrylonitrile	50.000	54.265	-8.5	116	-0.02
42	TM	1,2-Dichloroethane	50.000	51.668	-3.3	116	0.00
43	T	Isopropyl Acetate	50.000	47.599	4.8	113	0.00
44	TM	Trichloroethene	50.000	54.213	-8.4	124	-0.01
45	C	1,2-Dichloropropane	50.000	51.750	-3.5#	115	0.00
46	T	Dibromomethane	50.000	51.407	-2.8	114	0.00
47	T	Bromodichloromethane	50.000	51.971	-3.9	115	0.00
48	T	Methyl methacrylate	50.000	47.120	5.8	112	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1058.645	-5.9	115	0.00
50	S	Toluene-d8	50.000	51.282	-2.6	120	0.00
51	T	4-Methyl-2-Pentanone	250.000	232.773	6.9	111	0.00
52	CM	Toluene	50.000	53.405	-6.8#	118	0.00
53	T	t-1,3-Dichloropropene	50.000	53.342	-6.7	116	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.897	-7.8	117	0.00
55	T	1,1,2-Trichloroethane	50.000	52.918	-5.8	117	0.00
56	T	Ethyl methacrylate	50.000	49.430	1.1	116	0.00
57	T	1,3-Dichloropropane	50.000	53.470	-6.9	118	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	222.199	11.1	107	0.00
59	T	2-Hexanone	250.000	240.797	3.7	115	0.00
60	T	Dibromochloromethane	50.000	53.656	-7.3	120	0.00
61	T	1,2-Dibromoethane	50.000	53.222	-6.4	118	0.00
62	S	4-Bromofluorobenzene	50.000	51.919	-3.8	121	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	121	0.00
64	T	Tetrachloroethene	50.000	52.087	-4.2	116	0.00
65	PM	Chlorobenzene	50.000	53.381	-6.8	117	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.639	-7.3	118	0.00
67	C	Ethyl Benzene	50.000	54.649	-9.3#	116	0.00
68	T	m/p-Xylenes	100.000	110.998	-11.0	120	0.00
69	T	o-Xylene	50.000	55.604	-11.2	118	0.00
70	T	Styrene	50.000	55.841	-11.7	118	0.00
71	P	Bromoform	50.000	55.692	-11.4	121	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	124	0.00
73	T	Isopropylbenzene	50.000	54.085	-8.2	121	0.00
74	T	N-amyl acetate	50.000	45.442	9.1	111	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.501	-3.0	118	0.00
76	T	1,2,3-Trichloropropane	50.000	46.673	6.7	111	0.00
77	T	Bromobenzene	50.000	53.864	-7.7	122	0.00
78	T	n-propylbenzene	50.000	53.775	-7.5	118	0.00
79	T	2-Chlorotoluene	50.000	52.627	-5.3	117	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.239	-8.5	119	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.970	-1.9	114	0.00
82	T	4-Chlorotoluene	50.000	52.933	-5.9	120	0.00
83	T	tert-Butylbenzene	50.000	55.051	-10.1	120	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.127	-10.3	122	0.00
85	T	sec-Butylbenzene	50.000	55.082	-10.2	121	0.00
86	T	p-Isopropyltoluene	50.000	55.656	-11.3	122	0.00
87	T	1,3-Dichlorobenzene	50.000	53.262	-6.5	123	0.00
88	T	1,4-Dichlorobenzene	50.000	53.186	-6.4	122	0.00
89	T	n-Butylbenzene	50.000	56.094	-12.2	124	0.00
90	T	Hexachloroethane	50.000	53.028	-6.1	121	0.00
91	T	1,2-Dichlorobenzene	50.000	53.159	-6.3	121	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.911	-5.8	126	0.00
93	T	1,2,4-Trichlorobenzene	50.000	59.633	-19.3	130	0.00
94	T	Hexachlorobutadiene	50.000	58.054	-16.1	134	0.00
95	T	Naphthalene	50.000	51.228	-2.5	127	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.751	-17.5	128	0.00

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