Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
Data File : VY017101.D
Acq On : 25 Jan 2024 11:27
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY012524

Quant Time: Jan 26 04:40:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 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	45.129	9.7	89	0.00
3	P	Chloromethane	50.000	49.661	0.7	95	0.00
4	C	Vinyl Chloride	50.000	53.344	-6.7#	98	0.00
5	T	Bromomethane	50.000	51.913	-3.8	99	0.00
6	T	Chloroethane	50.000	53.525	-7.0	99	0.00
7	T	Trichlorofluoromethane	50.000	48.278	3.4	92	0.00
8	T	Diethyl Ether	50.000	45.230	9.5	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.066	13.9	88	0.00
10	T	Methyl Iodide	50.000	47.506	5.0	88	0.00
11	T	Tert butyl alcohol	250.000	236.061	5.6	99	0.00
12	CM	1,1-Dichloroethene	50.000	44.968	10.1#	91	0.00
13	T	Acrolein	250.000	237.941	4.8	94	0.00
14	T	Allyl chloride	50.000	47.102	5.8	92	0.00
15	T	Acrylonitrile	250.000	236.266	5.5	92	-0.01
16	T	Acetone	250.000	222.084	11.2	94	0.00
17	T	Carbon Disulfide	50.000	44.197	11.6	89	0.00
18	T	Methyl Acetate	50.000	50.544	-1.1	95	-0.01
19	T	Methyl tert-butyl Ether	50.000	47.567	4.9	93	0.00
20	T	Methylene Chloride	50.000	48.838	2.3	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.812	8.4	90	0.00
22	T	Diisopropyl ether	50.000	47.986	4.0	92	0.00
23	T	Vinyl Acetate	250.000	236.387	5.4	92	0.00
24	P	1,1-Dichloroethane	50.000	45.256	9.5	91	0.00
25	T	2-Butanone	250.000	218.643	12.5	93	0.00
26	T	2,2-Dichloropropane	50.000	45.988	8.0	92	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.388	7.2	91	0.00
28	T	Bromochloromethane	50.000	54.135	-8.3	91	0.00
29	T	Tetrahydrofuran	250.000	243.646	2.5	92	0.00
30	C	Chloroform	50.000	45.521	9.0#	91	0.00
31	T	Cyclohexane	50.000	47.859	4.3	89	0.00
32	T	1,1,1-Trichloroethane	50.000	46.155	7.7	92	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.512	-5.0	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	51.552	-3.1	94	0.00
36	T	1,1-Dichloropropene	50.000	46.324	7.4	92	0.00
37	T	Ethyl Acetate	50.000	47.075	5.8	96	0.00
38	T	Carbon Tetrachloride	50.000	45.243	9.5	91	0.00
39	T	Methylcyclohexane	50.000	45.388	9.2	87	0.00
40	TM	Benzene	50.000	46.039	7.9	90	0.00
41	T	Methacrylonitrile	50.000	45.053	9.9	98	0.00
42	TM	1,2-Dichloroethane	50.000	46.074	7.9	91	0.00
43	T	Isopropyl Acetate	50.000	47.315	5.4	92	0.00
44	TM	Trichloroethene	50.000	45.578	8.8	91	0.00
45	C	1,2-Dichloropropane	50.000	46.596	6.8#	91	0.00
46	T	Dibromomethane	50.000	46.244	7.5	92	0.00
47	T	Bromodichloromethane	50.000	46.328	7.3	90	0.00
48	T	Methyl methacrylate	50.000	49.575	0.8	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1068.182	-6.8	104	0.00
50	S	Toluene-d8	50.000	52.709	-5.4	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.527	3.0	93	0.00
52	CM	Toluene	50.000	46.838	6.3#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	48.652	2.7	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.328	5.3	91	0.00
55	T	1,1,2-Trichloroethane	50.000	45.587	8.8	90	0.00
56	T	Ethyl methacrylate	50.000	49.546	0.9	92	0.00
57	T	1,3-Dichloropropane	50.000	46.777	6.4	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	297.386	-19.0	101	0.00
59	T	2-Hexanone	250.000	223.955	10.4	93	0.00
60	T	Dibromochloromethane	50.000	46.094	7.8	91	0.00
61	T	1,2-Dibromoethane	50.000	47.293	5.4	93	0.00
62	S	4-Bromofluorobenzene	50.000	53.018	-6.0	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	44.176	11.6	89	0.00
65	PM	Chlorobenzene	50.000	45.132	9.7	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	45.696	8.6	89	0.00
67	C	Ethyl Benzene	50.000	46.491	7.0#	90	0.00
68	T	m/p-Xylenes	100.000	92.818	7.2	90	0.00
69	T	o-Xylene	50.000	47.648	4.7	91	0.00
70	T	Styrene	50.000	48.312	3.4	90	0.00
71	P	Bromoform	50.000	45.459	9.1	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	46.186	7.6	90	0.00
74	T	N-amyl acetate	50.000	47.726	4.5	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.014	8.0	91	0.00
76	T	1,2,3-Trichloropropane	50.000	45.427	9.1	86	0.00
77	T	Bromobenzene	50.000	45.971	8.1	90	0.00
78	T	n-propylbenzene	50.000	46.677	6.6	89	0.00
79	T	2-Chlorotoluene	50.000	46.227	7.5	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.692	6.6	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.652	6.7	94	0.00
82	T	4-Chlorotoluene	50.000	45.972	8.1	89	0.00
83	T	tert-Butylbenzene	50.000	45.477	9.0	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.499	7.0	89	0.00
85	T	sec-Butylbenzene	50.000	46.861	6.3	88	0.00
86	T	p-Isopropyltoluene	50.000	47.096	5.8	88	0.00
87	T	1,3-Dichlorobenzene	50.000	45.262	9.5	89	0.00
88	T	1,4-Dichlorobenzene	50.000	44.817	10.4	88	0.00
89	T	n-Butylbenzene	50.000	46.954	6.1	88	0.00
90	T	Hexachloroethane	50.000	44.977	10.0	88	0.00
91	T	1,2-Dichlorobenzene	50.000	45.861	8.3	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.735	8.5	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.616	10.8	87	0.00
94	T	Hexachlorobutadiene	50.000	42.576	14.8	85	0.00
95	T	Naphthalene	50.000	47.321	5.4	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.128	11.7	87	0.00

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