Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041624\
Data File : VY017947.D
Acq On : 16 Apr 2024 14:17
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY041624

Quant Time: Apr 17 06:28:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	42.298	15.4	85	0.00
3	P	Chloromethane	50.000	44.515	11.0	92	0.00
4	C	Vinyl Chloride	50.000	45.750	8.5#	89	0.00
5	T	Bromomethane	50.000	46.272	7.5	89	0.00
6	T	Chloroethane	50.000	46.121	7.8	91	0.00
7	T	Trichlorofluoromethane	50.000	44.926	10.1	87	0.00
8	T	Diethyl Ether	50.000	44.799	10.4	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.698	10.6	86	0.00
10	T	Methyl Iodide	50.000	48.074	3.9	90	0.00
11	T	Tert butyl alcohol	250.000	219.527	12.2	85	0.00
12	CM	1,1-Dichloroethene	50.000	45.437	9.1#	87	0.00
13	T	Acrolein	250.000	258.740	-3.5	103	0.00
14	T	Allyl chloride	50.000	45.688	8.6	86	0.00
15	T	Acrylonitrile	250.000	226.240	9.5	86	0.00
16	T	Acetone	250.000	240.156	3.9	90	0.00
17	T	Carbon Disulfide	50.000	44.468	11.1	86	0.00
18	T	Methyl Acetate	50.000	40.336	19.3	83	-0.01
19	T	Methyl tert-butyl Ether	50.000	46.656	6.7	87	0.00
20	T	Methylene Chloride	50.000	43.614	12.8	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.579	8.8	87	-0.01
22	T	Diisopropyl ether	50.000	46.805	6.4	87	0.00
23	T	Vinyl Acetate	250.000	237.638	4.9	87	-0.01
24	P	1,1-Dichloroethane	50.000	45.738	8.5	87	-0.01
25	T	2-Butanone	250.000	233.645	6.5	86	0.00
26	T	2,2-Dichloropropane	50.000	46.919	6.2	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.609	6.8	88	0.00
28	T	Bromochloromethane	50.000	52.910	-5.8	101	0.00
29	T	Tetrahydrofuran	250.000	227.280	9.1	85	0.00
30	C	Chloroform	50.000	45.461	9.1#	88	0.00
31	T	Cyclohexane	50.000	44.227	11.5	86	0.00
32	T	1,1,1-Trichloroethane	50.000	45.900	8.2	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.716	-1.4	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	51.364	-2.7	94	-0.01
36	T	1,1-Dichloropropene	50.000	46.006	8.0	86	0.00
37	T	Ethyl Acetate	50.000	47.163	5.7	89	0.00
38	T	Carbon Tetrachloride	50.000	46.349	7.3	87	0.00
39	T	Methylcyclohexane	50.000	45.889	8.2	83	0.00
40	TM	Benzene	50.000	45.936	8.1	86	0.00
41	T	Methacrylonitrile	50.000	53.568	-7.1	101	0.00
42	TM	1,2-Dichloroethane	50.000	45.610	8.8	87	0.00
43	T	Isopropyl Acetate	50.000	45.846	8.3	85	0.00
44	TM	Trichloroethene	50.000	45.807	8.4	87	0.00
45	C	1,2-Dichloropropane	50.000	45.637	8.7#	86	0.00
46	T	Dibromomethane	50.000	46.358	7.3	88	0.00
47	T	Bromodichloromethane	50.000	46.202	7.6	87	0.00
48	T	Methyl methacrylate	50.000	46.749	6.5	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	919.862	8.0	85	0.00
50	S	Toluene-d8	50.000	52.643	-5.3	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	232.517	7.0	85	0.00
52	CM	Toluene	50.000	47.105	5.8#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	46.646	6.7	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.871	6.3	87	0.00
55	T	1,1,2-Trichloroethane	50.000	45.409	9.2	86	0.00
56	T	Ethyl methacrylate	50.000	47.485	5.0	85	0.00
57	T	1,3-Dichloropropane	50.000	45.704	8.6	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.770	-6.7	100	0.00
59	T	2-Hexanone	250.000	241.092	3.6	86	0.00
60	T	Dibromochloromethane	50.000	46.164	7.7	86	0.00
61	T	1,2-Dibromoethane	50.000	45.708	8.6	86	0.00
62	S	4-Bromofluorobenzene	50.000	52.695	-5.4	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	45.885	8.2	85	0.00
65	PM	Chlorobenzene	50.000	46.400	7.2	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.389	7.2	87	0.00
67	C	Ethyl Benzene	50.000	47.523	5.0#	86	0.00
68	T	m/p-Xylenes	100.000	95.546	4.5	86	0.00
69	T	o-Xylene	50.000	47.167	5.7	85	0.00
70	T	Styrene	50.000	48.179	3.6	85	0.00
71	P	Bromoform	50.000	45.915	8.2	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	47.702	4.6	85	0.00
74	T	N-amyl acetate	50.000	47.308	5.4	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.598	8.8	86	0.00
76	T	1,2,3-Trichloropropane	50.000	44.444	11.1	84	0.00
77	T	Bromobenzene	50.000	46.758	6.5	85	0.00
78	T	n-propylbenzene	50.000	47.708	4.6	85	0.00
79	T	2-Chlorotoluene	50.000	46.997	6.0	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.916	4.2	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.520	7.0	84	0.00
82	T	4-Chlorotoluene	50.000	47.333	5.3	86	0.00
83	T	tert-Butylbenzene	50.000	47.663	4.7	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.850	4.3	85	0.00
85	T	sec-Butylbenzene	50.000	47.221	5.6	84	0.00
86	T	p-Isopropyltoluene	50.000	47.603	4.8	84	0.00
87	T	1,3-Dichlorobenzene	50.000	46.172	7.7	85	0.00
88	T	1,4-Dichlorobenzene	50.000	45.697	8.6	85	0.00
89	T	n-Butylbenzene	50.000	47.271	5.5	83	0.00
90	T	Hexachloroethane	50.000	45.803	8.4	85	0.00
91	T	1,2-Dichlorobenzene	50.000	45.941	8.1	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.404	13.2	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.077	9.8	83	0.00
94	T	Hexachlorobutadiene	50.000	43.732	12.5	81	0.00
95	T	Naphthalene	50.000	45.930	8.1	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.701	10.6	81	0.00

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