Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070924\
Data File : VY018755.D
Acq On : 09 Jul 2024 15:09
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY070924

Quant Time: Jul 10 00:53:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	54.605	-9.2	102	0.01
3	P	Chloromethane	50.000	55.164	-10.3	108	0.00
4	C	Vinyl Chloride	50.000	51.677	-3.4#	99	0.01
5	T	Bromomethane	50.000	51.611	-3.2	110	0.00
6	T	Chloroethane	50.000	48.554	2.9	98	0.00
7	T	Trichlorofluoromethane	50.000	49.539	0.9	94	0.01
8	T	Diethyl Ether	50.000	50.444	-0.9	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.486	-3.0	97	0.00
10	T	Methyl Iodide	50.000	47.907	4.2	87	0.00
11	T	Tert butyl alcohol	250.000	180.261	27.9#	97	0.02
12	CM	1,1-Dichloroethene	50.000	49.838	0.3#	98	0.00
13	T	Acrolein	250.000	215.911	13.6	94	0.00
14	T	Allyl chloride	50.000	50.660	-1.3	100	0.00
15	T	Acrylonitrile	250.000	250.340	-0.1	99	0.01
16	T	Acetone	250.000	278.797	-11.5	115	0.00
17	T	Carbon Disulfide	50.000	50.959	-1.9	97	0.01
18	T	Methyl Acetate	50.000	49.222	1.6	107	0.00
19	T	Methyl tert-butyl Ether	50.000	51.393	-2.8	100	0.00
20	T	Methylene Chloride	50.000	56.776	-13.6	108	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.902	0.2	97	0.01
22	T	Diisopropyl ether	50.000	51.003	-2.0	103	0.00
23	T	Vinyl Acetate	250.000	261.433	-4.6	101	0.00
24	P	1,1-Dichloroethane	50.000	50.840	-1.7	102	0.00
25	T	2-Butanone	250.000	262.875	-5.1	106	0.00
26	T	2,2-Dichloropropane	50.000	51.659	-3.3	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.884	-1.8	103	0.00
28	T	Bromochloromethane	50.000	54.107	-8.2	109	0.00
29	T	Tetrahydrofuran	250.000	253.469	-1.4	99	0.00
30	C	Chloroform	50.000	50.898	-1.8#	102	0.00
31	T	Cyclohexane	50.000	48.532	2.9	98	0.00
32	T	1,1,1-Trichloroethane	50.000	52.004	-4.0	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.852	-1.7	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	50.434	-0.9	97	0.00
36	T	1,1-Dichloropropene	50.000	48.506	3.0	96	0.00
37	T	Ethyl Acetate	50.000	48.427	3.1	94	-0.01
38	T	Carbon Tetrachloride	50.000	49.472	1.1	96	0.00
39	T	Methylcyclohexane	50.000	51.127	-2.3	99	0.00
40	TM	Benzene	50.000	49.446	1.1	101	0.00
41	T	Methacrylonitrile	50.000	57.045	-14.1	124	-0.01
42	TM	1,2-Dichloroethane	50.000	49.461	1.1	101	0.00
43	T	Isopropyl Acetate	50.000	50.831	-1.7	102	0.00
44	TM	Trichloroethene	50.000	49.183	1.6	101	0.00
45	C	1,2-Dichloropropane	50.000	49.238	1.5#	100	0.00
46	T	Dibromomethane	50.000	51.359	-2.7	101	0.00
47	T	Bromodichloromethane	50.000	50.381	-0.8	101	0.00
48	T	Methyl methacrylate	50.000	50.324	-0.6	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	887.021	11.3	88	0.00
50	S	Toluene-d8	50.000	49.724	0.6	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.171	-2.1	100	0.00
52	CM	Toluene	50.000	48.851	2.3#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	50.488	-1.0	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.758	-3.5	103	0.00
55	T	1,1,2-Trichloroethane	50.000	49.624	0.8	101	0.00
56	T	Ethyl methacrylate	50.000	52.324	-4.6	104	0.00
57	T	1,3-Dichloropropane	50.000	51.569	-3.1	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.126	-6.5	99	0.00
59	T	2-Hexanone	250.000	265.379	-6.2	103	0.00
60	T	Dibromochloromethane	50.000	50.810	-1.6	102	0.00
61	T	1,2-Dibromoethane	50.000	49.693	0.6	97	0.00
62	S	4-Bromofluorobenzene	50.000	49.913	0.2	98	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	46.513	7.0	94	0.00
65	PM	Chlorobenzene	50.000	49.330	1.3	103	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.403	1.2	103	0.00
67	C	Ethyl Benzene	50.000	48.671	2.7#	101	0.00
68	T	m/p-Xylenes	100.000	97.046	3.0	100	0.00
69	T	o-Xylene	50.000	48.362	3.3	99	0.00
70	T	Styrene	50.000	49.204	1.6	102	0.00
71	P	Bromoform	50.000	51.358	-2.7	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	49.009	2.0	99	0.00
74	T	N-amyl acetate	50.000	49.457	1.1	95	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.106	1.8	101	0.00
76	T	1,2,3-Trichloropropane	50.000	46.868	6.3	104	0.00
77	T	Bromobenzene	50.000	47.869	4.3	100	0.00
78	T	n-propylbenzene	50.000	48.913	2.2	100	0.00
79	T	2-Chlorotoluene	50.000	47.775	4.5	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.579	2.8	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.990	-2.0	99	0.00
82	T	4-Chlorotoluene	50.000	48.366	3.3	100	0.00
83	T	tert-Butylbenzene	50.000	49.506	1.0	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.515	5.0	99	0.00
85	T	sec-Butylbenzene	50.000	49.379	1.2	98	0.00
86	T	p-Isopropyltoluene	50.000	49.119	1.8	100	0.00
87	T	1,3-Dichlorobenzene	50.000	48.773	2.5	101	0.00
88	T	1,4-Dichlorobenzene	50.000	48.773	2.5	102	0.00
89	T	n-Butylbenzene	50.000	49.905	0.2	100	0.00
90	T	Hexachloroethane	50.000	49.445	1.1	100	0.00
91	T	1,2-Dichlorobenzene	50.000	49.148	1.7	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.771	4.5	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.234	-0.5	99	0.00
94	T	Hexachlorobutadiene	50.000	51.868	-3.7	100	0.00
95	T	Naphthalene	50.000	50.601	-1.2	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.354	-0.7	99	0.00

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