Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
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	103	0.00
2	T	Dichlorodifluoromethane	50.000	46.375	7.2	104	0.00
3	P	Chloromethane	50.000	45.440	9.1	95	0.00
4	C	Vinyl Chloride	50.000	45.432	9.1#	96	0.00
5	T	Bromomethane	50.000	41.389	17.2	92	0.00
6	T	Chloroethane	50.000	44.363	11.3	94	0.00
7	T	Trichlorofluoromethane	50.000	46.128	7.7	98	0.00
8	T	Diethyl Ether	50.000	45.910	8.2	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.166	7.7	104	0.00
10	T	Methyl Iodide	50.000	45.123	9.8	91	0.00
11	T	Tert butyl alcohol	250.000	226.751	9.3	91	0.00
12	CM	1,1-Dichloroethene	50.000	48.182	3.6#	105	0.00
13	T	Acrolein	250.000	227.366	9.1	101	0.00
14	T	Allyl chloride	50.000	47.458	5.1	102	0.00
15	T	Acrylonitrile	250.000	226.587	9.4	94	0.00
16	T	Acetone	250.000	231.130	7.5	92	0.00
17	T	Carbon Disulfide	50.000	46.938	6.1	103	0.00
18	T	Methyl Acetate	50.000	48.904	2.2	98	0.00
19	T	Methyl tert-butyl Ether	50.000	47.891	4.2	97	0.00
20	T	Methylene Chloride	50.000	45.147	9.7	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.430	5.1	103	0.00
22	T	Diisopropyl ether	50.000	48.273	3.5	100	0.00
23	T	Vinyl Acetate	250.000	239.824	4.1	96	0.00
24	P	1,1-Dichloroethane	50.000	46.404	7.2	100	0.00
25	T	2-Butanone	250.000	220.139	11.9	91	0.00
26	T	2,2-Dichloropropane	50.000	46.334	7.3	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.795	4.4	100	0.00
28	T	Bromochloromethane	50.000	48.457	3.1	101	0.00
29	T	Tetrahydrofuran	250.000	229.194	8.3	89	0.00
30	C	Chloroform	50.000	46.643	6.7#	100	0.00
31	T	Cyclohexane	50.000	46.548	6.9	104	0.00
32	T	1,1,1-Trichloroethane	50.000	47.007	6.0	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.224	3.6	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	48.989	2.0	101	0.00
36	T	1,1-Dichloropropene	50.000	47.914	4.2	103	0.00
37	T	Ethyl Acetate	50.000	46.092	7.8	93	0.00
38	T	Carbon Tetrachloride	50.000	47.630	4.7	102	0.00
39	T	Methylcyclohexane	50.000	49.486	1.0	103	0.00
40	TM	Benzene	50.000	47.692	4.6	101	0.00
41	T	Methacrylonitrile	50.000	43.342	13.3	84	0.00
42	TM	1,2-Dichloroethane	50.000	46.472	7.1	98	0.00
43	T	Isopropyl Acetate	50.000	46.545	6.9	94	0.00
44	TM	Trichloroethene	50.000	47.027	5.9	101	0.00
45	C	1,2-Dichloropropane	50.000	47.326	5.3#	99	0.00
46	T	Dibromomethane	50.000	46.578	6.8	98	0.00
47	T	Bromodichloromethane	50.000	47.955	4.1	100	0.00
48	T	Methyl methacrylate	50.000	49.090	1.8	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	951.409	4.9	98	-0.01
50	S	Toluene-d8	50.000	50.539	-1.1	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	237.972	4.8	91	0.00
52	CM	Toluene	50.000	48.774	2.5#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	47.893	4.2	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.122	3.8	100	0.00
55	T	1,1,2-Trichloroethane	50.000	47.403	5.2	97	0.00
56	T	Ethyl methacrylate	50.000	50.188	-0.4	95	0.00
57	T	1,3-Dichloropropane	50.000	47.024	6.0	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.928	-1.6	93	0.00
59	T	2-Hexanone	250.000	238.340	4.7	90	0.00
60	T	Dibromochloromethane	50.000	46.882	6.2	97	0.00
61	T	1,2-Dibromoethane	50.000	47.188	5.6	97	0.00
62	S	4-Bromofluorobenzene	50.000	51.198	-2.4	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	46.550	6.9	98	0.00
65	PM	Chlorobenzene	50.000	47.734	4.5	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.308	3.4	100	0.00
67	C	Ethyl Benzene	50.000	50.142	-0.3#	102	0.00
68	T	m/p-Xylenes	100.000	101.181	-1.2	102	0.00
69	T	o-Xylene	50.000	50.949	-1.9	101	0.00
70	T	Styrene	50.000	51.513	-3.0	101	0.00
71	P	Bromoform	50.000	47.821	4.4	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	49.765	0.5	102	0.00
74	T	N-amyl acetate	50.000	46.264	7.5	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.078	7.8	96	0.00
76	T	1,2,3-Trichloropropane	50.000	43.169	13.7	93	0.00
77	T	Bromobenzene	50.000	47.741	4.5	99	0.00
78	T	n-propylbenzene	50.000	49.907	0.2	102	0.00
79	T	2-Chlorotoluene	50.000	48.351	3.3	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.131	-0.3	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.304	11.4	91	0.00
82	T	4-Chlorotoluene	50.000	48.406	3.2	100	0.00
83	T	tert-Butylbenzene	50.000	51.499	-3.0	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.285	-0.6	101	0.00
85	T	sec-Butylbenzene	50.000	50.397	-0.8	103	0.00
86	T	p-Isopropyltoluene	50.000	50.831	-1.7	103	0.00
87	T	1,3-Dichlorobenzene	50.000	47.528	4.9	101	0.00
88	T	1,4-Dichlorobenzene	50.000	47.202	5.6	101	0.00
89	T	n-Butylbenzene	50.000	50.209	-0.4	102	0.00
90	T	Hexachloroethane	50.000	47.410	5.2	102	0.00
91	T	1,2-Dichlorobenzene	50.000	47.337	5.3	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.151	13.7	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.811	2.4	102	0.00
94	T	Hexachlorobutadiene	50.000	48.376	3.2	107	0.00
95	T	Naphthalene	50.000	48.975	2.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.914	4.2	101	0.00

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