Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
Data File : VU057810.D
Acq On : 05 Feb 2024 17:44
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524

Quant Time: Feb 06 03:19:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 06 02:05:40 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	99	0.00
2	T	Dichlorodifluoromethane	10.000	6.026	39.7#	56	0.00
3	t	Chloromethane	10.000	7.819	21.8	75	0.00
4	Rt	Vinyl Chloride	10.000	8.540	14.6	80	0.00
5	T	Bromomethane	10.000	8.836	11.6	84	0.00
6	T	Chloroethane	10.000	9.646	3.5	88	0.00
7	T	Trichlorofluoromethane	10.000	9.107	8.9	82	0.02
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.312	-3.1	96	0.01
9	Rt	1,1-Dichloroethene	10.000	9.946	0.5	94	0.01
10	t	Iodomethane	10.000	9.542	4.6	92	0.01
11	t	Allyl Chloride	10.000	11.051	-10.5	103	0.00
12	t	Acrylonitrile	20.000	49.874	-149.4#	222	0.00
13	T	Acetone	50.000	21.665	56.7#	43	0.00
14	T	Carbon Disulfide	10.000	9.328	6.7	89	0.01
15	RT	Methylene Chloride	10.000	9.258	7.4	98	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.980	0.2	94	0.00
17	t	1,1-Dichloroethane	10.000	10.387	-3.9	96	0.00
18	T	2-Butanone	50.000	33.298	33.4#	58	0.00
19		Cyclohexane	10.000	9.871	1.3	90	0.00
20		Methylcyclohexane	10.000	10.133	-1.3	93	0.00
21	T	2,2-Dichloropropane	10.000	9.757	2.4	90	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.718	-7.2	100	0.00
23	t	Diethyl Ether	10.000	9.697	3.0	91	0.00
24	t	tert-Butyl Alcohol	100.000	60.060	39.9#	71	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.336	-3.4	96	0.00
26	t	Bromochloromethane	10.000	8.681	13.2	81	0.00
27	t	Chloroform	10.000	10.395	-3.9	96	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.053	-0.5	95	0.00
29	T	1,1-Dichloropropene	10.000	10.306	-3.1	96	0.00
30	RT	Carbon Tetrachloride	10.000	10.391	-3.9	96	0.00
31	t	Isopropyl Ether	10.000	10.771	-7.7	98	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.50#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.94#
34	t	Propionitrile	50.000	108.635	-117.3#	195	0.00
35	RT	Benzene	10.000	10.336	-3.4	97	0.00
36	RT	1,2-Dichloroethane	10.000	10.303	-3.0	95	0.00
37	RT	Trichloroethene	10.000	10.159	-1.6	94	0.00
38	Rt	1,2-Dichloropropane	10.000	10.284	-2.8	95	0.00
39	t	Methacrylonitrile	10.000	11.134	-11.3	97	0.00
40	t	Methyl acrylate	10.000	11.052	-10.5	94	0.00
41	t	Tetrahydrofuran	20.000	52.632	-163.2#	238	0.00
42	t	1-Chlorobutane	10.000	10.487	-4.9	97	0.00
43	T	Dibromomethane	10.000	10.932	-9.3	99	0.00
44	T	Bromodichloromethane	10.000	10.815	-8.1	99	0.00
45	T	4-Methyl-2-Pentanone	50.000	51.254	-2.5	92	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.919	45.4#	56	0.00
47	t	Methyl methacrylate	20.000	10.386	48.1#	47	0.00
48	t	Ethyl methacrylate	10.000	10.754	-7.5	97	0.00
49	Rt	Toluene	10.000	10.695	-7.0	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.864	-8.6	97	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.728	-7.3	98	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.722	-7.2	98	0.00
53	t	1,3-Dichloropropane	10.000	10.426	-4.3	97	0.00
54	t	2-Hexanone	50.000	37.667	24.7	66	0.00
55	t	Dibromochloromethane	10.000	10.496	-5.0	95	0.00
56	T	1,2-Dibromoethane	10.000	10.789	-7.9	98	0.00
57	S	4-Bromofluorobenzene	1.000	1.004	-0.4	97	0.00
58	RT	Tetrachloroethene	10.000	10.432	-4.3	99	0.00
59	Rt	Chlorobenzene	10.000	10.051	-0.5	92	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.685	-6.9	96	0.00
61	t	Pentachloroethane	10.000	10.879	-8.8	95	0.00
62	t	Hexachloroethane	10.000	10.705	-7.1	94	0.00
63	Rt	Ethyl Benzene	10.000	10.727	-7.3	98	0.00
64	RT	m/p-Xylenes	20.000	21.825	-9.1	99	0.00
65	RT	o-Xylene	10.000	10.696	-7.0	98	0.00
66	RT	Styrene	10.000	11.295	-13.0	101	0.00
67	t	Bromoform	10.000	11.193	-11.9	97	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.958	4.2	92	0.00
69	T	Isopropylbenzene	10.000	10.790	-7.9	98	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.608	-6.1	95	0.00
71	T	1,2,3-Trichloropropane	10.000	9.262	7.4	88	-0.02
72	t	Bromobenzene	10.000	10.728	-7.3	99	0.00
73	t	n-propylbenzene	10.000	10.981	-9.8	97	0.00
74	t	2-Chlorotoluene	10.000	10.798	-8.0	98	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.964	-9.6	98	0.00
76	t	4-Chlorotoluene	10.000	10.672	-6.7	95	0.00
77	t	tert-Butylbenzene	10.000	10.676	-6.8	95	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.676	-6.8	95	0.00
79	t	sec-Butylbenzene	10.000	10.839	-8.4	97	0.00
80		Nitrobenzene	50.000	11.896	76.2#	20	0.00
81	t	p-Isopropyltoluene	10.000	10.882	-8.8	96	0.00
82	t	1,3-Dichlorobenzene	10.000	10.537	-5.4	96	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.705	-7.1	98	0.00
84	t	n-Butylbenzene	10.000	10.865	-8.7	94	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.382	-3.8	95	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.609	-6.1	95	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.030	-10.3	95	0.00
88	t	Hexachlorobutadiene	10.000	9.924	0.8	88	0.00
89	t	Naphthalene	10.000	10.775	-7.8	95	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.904	-9.0	95	0.00

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