Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073024\
Data File : VU060272.D
Acq On : 30 Jul 2024 19:27
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU073024

Quant Time: Jul 31 04:54:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 31 04:49:33 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	92	0.00
2	T	Dichlorodifluoromethane	10.000	5.177	48.2#	46	0.00
3	t	Chloromethane	10.000	7.392	26.1	68	0.00
4	Rt	Vinyl Chloride	10.000	7.797	22.0	68	0.00
5	T	Bromomethane	10.000	8.247	17.5	74	0.00
6	T	Chloroethane	10.000	8.460	15.4	75	0.00
7	T	Trichlorofluoromethane	10.000	8.502	15.0	76	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.577	4.2	85	0.00
9	Rt	1,1-Dichloroethene	10.000	9.733	2.7	84	0.00
10	t	Iodomethane	10.000	9.609	3.9	83	0.00
11	t	Allyl Chloride	10.000	10.326	-3.3	93	0.00
12	t	Acrylonitrile	20.000	49.197	-146.0#	212	0.00
13	T	Acetone	50.000	32.342	35.3#	63	0.01
14	T	Carbon Disulfide	10.000	8.833	11.7	78	0.00
15	RT	Methylene Chloride	10.000	8.619	13.8	85	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.353	6.5	83	0.00
17	t	1,1-Dichloroethane	10.000	9.912	0.9	87	0.00
18	T	2-Butanone	50.000	39.781	20.4	78	0.00
19		Cyclohexane	10.000	9.083	9.2	82	0.00
20		Methylcyclohexane	10.000	9.857	1.4	78	0.00
21	T	2,2-Dichloropropane	10.000	8.832	11.7	79	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.264	-2.6	90	0.00
23	t	Diethyl Ether	10.000	9.134	8.7	80	0.00
24	t	tert-Butyl Alcohol	100.000	50.086	49.9#	44	0.03
25	t	Methyl tert-Butyl Ether	10.000	10.142	-1.4	88	0.00
26	t	Bromochloromethane	10.000	10.443	-4.4	95	0.00
27	t	Chloroform	10.000	9.871	1.3	88	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.671	3.3	85	0.00
29	T	1,1-Dichloropropene	10.000	9.358	6.4	81	0.00
30	RT	Carbon Tetrachloride	10.000	9.595	4.0	84	0.00
31	t	Isopropyl Ether	10.000	10.521	-5.2	91	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	-5.95#
34	t	Propionitrile	50.000	98.219	-96.4#	182	0.00
35	RT	Benzene	10.000	10.034	-0.3	85	0.00
36	RT	1,2-Dichloroethane	10.000	9.286	7.1	82	0.00
37	RT	Trichloroethene	10.000	9.076	9.2	79	0.00
38	Rt	1,2-Dichloropropane	10.000	9.452	5.5	80	0.00
39	t	Methacrylonitrile	10.000	9.627	3.7	88	0.00
40	t	Methyl acrylate	10.000	10.001	-0.0	89	0.00
41	t	Tetrahydrofuran	20.000	48.132	-140.7#	218	0.00
42	t	1-Chlorobutane	10.000	9.877	1.2	86	0.00
43	T	Dibromomethane	10.000	10.364	-3.6	89	0.00
44	T	Bromodichloromethane	10.000	10.290	-2.9	89	0.00
45	T	4-Methyl-2-Pentanone	50.000	56.184	-12.4	88	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.762	46.2#	44	0.00
47	t	Methyl methacrylate	20.000	9.819	50.9#	37	0.00
48	t	Ethyl methacrylate	10.000	9.895	1.1	88	0.00
49	Rt	Toluene	10.000	11.050	-10.5	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.255	-2.6	83	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.842	1.6	81	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.785	2.1	84	0.00
53	t	1,3-Dichloropropane	10.000	10.045	-0.4	83	0.00
54	t	2-Hexanone	50.000	53.187	-6.4	86	0.00
55	t	Dibromochloromethane	10.000	10.489	-4.9	89	0.00
56	T	1,2-Dibromoethane	10.000	10.228	-2.3	86	0.00
57	S	4-Bromofluorobenzene	1.000	1.145	-14.5	95	0.00
58	RT	Tetrachloroethene	10.000	10.304	-3.0	87	0.00
59	Rt	Chlorobenzene	10.000	10.775	-7.8	87	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.705	2.9	83	0.00
61	t	Pentachloroethane	10.000	10.317	-3.2	89	0.00
62	t	Hexachloroethane	10.000	10.576	-5.8	89	0.00
63	Rt	Ethyl Benzene	10.000	9.666	3.3	85	0.00
64	RT	m/p-Xylenes	20.000	19.788	1.1	88	0.00
65	RT	o-Xylene	10.000	9.596	4.0	85	0.00
66	RT	Styrene	10.000	10.205	-2.1	91	0.00
67	t	Bromoform	10.000	10.461	-4.6	89	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.113	-11.3	101	0.00
69	T	Isopropylbenzene	10.000	10.016	-0.2	90	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.910	0.9	83	0.00
71	T	1,2,3-Trichloropropane	10.000	9.895	1.1	83	0.00
72	t	Bromobenzene	10.000	11.159	-11.6	91	0.00
73	t	n-propylbenzene	10.000	9.754	2.5	87	0.00
74	t	2-Chlorotoluene	10.000	11.622	-16.2	89	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.000	0.0	90	0.00
76	t	4-Chlorotoluene	10.000	10.101	-1.0	90	0.00
77	t	tert-Butylbenzene	10.000	9.986	0.1	90	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.895	1.1	88	0.00
79	t	sec-Butylbenzene	10.000	9.881	1.2	88	0.00
80		Nitrobenzene	50.000	11.294	77.4#	19	0.00
81	t	p-Isopropyltoluene	10.000	9.994	0.1	89	0.00
82	t	1,3-Dichlorobenzene	10.000	11.122	-11.2	90	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.309	-13.1	89	0.00
84	t	n-Butylbenzene	10.000	9.975	0.3	89	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.124	-11.2	89	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.131	-1.3	83	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.566	-25.7	99	0.00
88	t	Hexachlorobutadiene	10.000	10.340	-3.4	88	0.00
89	t	Naphthalene	10.000	10.422	-4.2	96	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.177	-1.8	91	0.00

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