Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
Data File : VU063225.D
Acq On : 10 Feb 2025 16:45
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Quant Time: Feb 11 04:20:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 11 04:17:17 2025
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	95	0.00
2	T	Dichlorodifluoromethane	10.000	6.907	30.9#	70	0.00
3	t	Chloromethane	10.000	7.762	22.4	78	0.00
4	Rt	Vinyl Chloride	10.000	8.561	14.4	82	0.00
5	T	Bromomethane	10.000	5.874	41.3#	50	-0.02
6	T	Chloroethane	10.000	8.736	12.6	87	-0.03
7	T	Trichlorofluoromethane	10.000	9.197	8.0	90	-0.02
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.436	-4.4	107	0.00
9	Rt	1,1-Dichloroethene	10.000	10.339	-3.4	100	0.00
10	t	Iodomethane	10.000	9.372	6.3	87	0.00
11	t	Allyl Chloride	10.000	11.005	-10.1	104	0.00
12	t	Acrylonitrile	20.000	51.821	-159.1#	221	0.00
13	T	Acetone	50.000	47.295	5.4	85	0.00
14	T	Carbon Disulfide	10.000	8.683	13.2	85	0.00
15	RT	Methylene Chloride	10.000	9.632	3.7	94	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.754	2.5	93	0.00
17	t	1,1-Dichloroethane	10.000	10.091	-0.9	97	0.00
18	T	2-Butanone	50.000	50.293	-0.6	87	0.00
19		Cyclohexane	10.000	10.331	-3.3	95	0.00
20		Methylcyclohexane	10.000	11.086	-10.9	102	0.00
21	T	2,2-Dichloropropane	10.000	10.612	-6.1	102	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.837	-8.4	102	0.00
23	t	Diethyl Ether	10.000	9.447	5.5	90	0.00
24	t	tert-Butyl Alcohol	100.000	51.182	48.8#	48	0.03
25	t	Methyl tert-Butyl Ether	10.000	10.661	-6.6	95	0.00
26	t	Bromochloromethane	10.000	9.196	8.0	87	0.00
27	t	Chloroform	10.000	10.089	-0.9	96	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.272	-2.7	98	0.00
29	T	1,1-Dichloropropene	10.000	9.535	4.6	89	0.00
30	RT	Carbon Tetrachloride	10.000	10.069	-0.7	97	0.00
31	t	Isopropyl Ether	10.000	11.684	-16.8	106	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.48#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.93#
34	t	Propionitrile	50.000	112.251	-124.5#	185	0.00
35	RT	Benzene	10.000	10.081	-0.8	95	0.00
36	RT	1,2-Dichloroethane	10.000	9.317	6.8	88	0.00
37	RT	Trichloroethene	10.000	9.455	5.4	90	0.00
38	Rt	1,2-Dichloropropane	10.000	9.657	3.4	90	0.00
39	t	Methacrylonitrile	10.000	11.518	-15.2	90	0.00
40	t	Methyl acrylate	10.000	10.636	-6.4	90	0.00
41	t	Tetrahydrofuran	20.000	51.903	-159.5#	224	0.00
42	t	1-Chlorobutane	10.000	10.606	-6.1	97	0.00
43	T	Dibromomethane	10.000	9.800	2.0	93	0.00
44	T	Bromodichloromethane	10.000	10.859	-8.6	100	0.00
45	T	4-Methyl-2-Pentanone	50.000	55.614	-11.2	91	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	12.207	39.0#	55	0.00
47	t	Methyl methacrylate	20.000	10.801	46.0#	44	0.00
48	t	Ethyl methacrylate	10.000	11.820	-18.2	92	0.00
49	Rt	Toluene	10.000	10.739	-7.4	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.914	-9.1	94	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.315	-3.1	91	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.902	1.0	90	0.00
53	t	1,3-Dichloropropane	10.000	9.732	2.7	89	0.00
54	t	2-Hexanone	50.000	57.943	-15.9	94	0.00
55	t	Dibromochloromethane	10.000	10.441	-4.4	93	0.00
56	T	1,2-Dibromoethane	10.000	9.891	1.1	88	0.00
57	S	4-Bromofluorobenzene	1.000	1.287	-28.7	112	0.00
58	RT	Tetrachloroethene	10.000	10.255	-2.6	100	0.00
59	Rt	Chlorobenzene	10.000	10.678	-6.8	98	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.912	0.9	92	0.00
61	t	Pentachloroethane	10.000	11.159	-11.6	105	0.00
62	t	Hexachloroethane	10.000	11.642	-16.4	105	0.00
63	Rt	Ethyl Benzene	10.000	11.289	-12.9	98	0.00
64	RT	m/p-Xylenes	20.000	23.222	-16.1	99	0.00
65	RT	o-Xylene	10.000	11.453	-14.5	99	0.00
66	RT	Styrene	10.000	12.190	-21.9	101	0.00
67	t	Bromoform	10.000	11.146	-11.5	97	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.115	-11.5	105	0.00
69	T	Isopropylbenzene	10.000	12.848	-28.5	111	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.491	-4.9	95	0.00
71	T	1,2,3-Trichloropropane	10.000	9.872	1.3	102	0.00
72	t	Bromobenzene	10.000	11.275	-12.8	101	0.00
73	t	n-propylbenzene	10.000	12.145	-21.4	103	0.00
74	t	2-Chlorotoluene	10.000	11.986	-19.9	105	0.00
75	t	1,3,5-Trimethylbenzene	10.000	12.210	-22.1	103	0.00
76	t	4-Chlorotoluene	10.000	11.887	-18.9	105	0.00
77	t	tert-Butylbenzene	10.000	12.057	-20.6	106	0.00
78	t	1,2,4-Trimethylbenzene	10.000	12.521	-25.2	104	0.00
79	t	sec-Butylbenzene	10.000	12.368	-23.7	107	0.00
80		Nitrobenzene	50.000	14.120	71.8#	21	0.00
81	t	p-Isopropyltoluene	10.000	12.990	-29.9	110	0.00
82	t	1,3-Dichlorobenzene	10.000	11.912	-19.1	109	0.00
83	Rt	1,4-Dichlorobenzene	10.000	12.181	-21.8	108	0.00
84	t	n-Butylbenzene	10.000	13.835	-38.4#	117	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.884	-18.8	109	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.165	-11.6	90	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	14.027	-40.3#	117	0.00
88	t	Hexachlorobutadiene	10.000	11.632	-16.3	117	0.00
89	t	Naphthalene	10.000	10.999	-10.0	107	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.127	-21.3	101	0.00

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