Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
Data File : VU063447.D
Acq On : 24 Jun 2025 19:57
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jun 25 06:29:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jun 25 03:53:43 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	10.322	-3.2	97	0.00
3	t	Chloromethane	10.000	7.820	21.8	77	0.00
4	Rt	Vinyl Chloride	10.000	8.251	17.5	77	0.00
5	T	Bromomethane	10.000	9.590	4.1	95	0.00
6	T	Chloroethane	10.000	7.262	27.4	68	0.00
7	T	Trichlorofluoromethane	10.000	9.009	9.9	84	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	8.575	14.3	80	0.00
9	Rt	1,1-Dichloroethene	10.000	8.814	11.9	82	0.00
10	t	Iodomethane	10.000	11.040	-10.4	90	0.00
11	t	Allyl Chloride	10.000	6.158	38.4#	57	0.00
12	t	Acrylonitrile	20.000	15.414	22.9	74	0.00
13	T	Acetone	50.000	26.935	46.1#	49	0.00
14	T	Carbon Disulfide	10.000	7.696	23.0	72	0.00
15	RT	Methylene Chloride	10.000	7.928	20.7	77	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.216	7.8	87	0.00
17	t	1,1-Dichloroethane	10.000	10.276	-2.8	96	0.00
18	T	2-Butanone	50.000	43.003	14.0	81	0.00
19		Cyclohexane	10.000	10.564	-5.6	97	0.00
20		Methylcyclohexane	10.000	11.076	-10.8	92	0.00
21	T	2,2-Dichloropropane	10.000	8.437	15.6	80	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.300	-3.0	99	0.00
23	t	Diethyl Ether	10.000	7.220	27.8	67	0.00
24	t	tert-Butyl Alcohol	100.000	79.430	20.6	71	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.773	2.3	90	0.00
26	t	Bromochloromethane	10.000	10.592	-5.9	99	0.00
27	t	Chloroform	10.000	10.403	-4.0	99	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.745	-7.4	97	0.00
29	T	1,1-Dichloropropene	10.000	10.862	-8.6	99	0.00
30	RT	Carbon Tetrachloride	10.000	10.931	-9.3	98	0.00
31	t	Isopropyl Ether	10.000	9.890	1.1	91	0.00
32		Ethyl-t-butyl ether	10.000	10.252	-2.5	94	0.00
33		Tert-Amyl methyl ether	10.000	11.240	-12.4	98	0.00
34	t	Propionitrile	50.000	49.284	1.4	98	0.00
35	RT	Benzene	10.000	11.035	-10.4	99	0.00
36	RT	1,2-Dichloroethane	10.000	10.398	-4.0	95	0.00
37	RT	Trichloroethene	10.000	10.556	-5.6	96	0.00
38	Rt	1,2-Dichloropropane	10.000	11.304	-13.0	100	0.00
39	t	Methacrylonitrile	10.000	9.131	8.7	86	0.00
40	t	Methyl acrylate	10.000	10.366	-3.7	87	0.00
41	t	Tetrahydrofuran	20.000	17.270	13.7	86	0.00
42	t	1-Chlorobutane	10.000	10.879	-8.8	99	0.00
43	T	Dibromomethane	10.000	10.690	-6.9	98	0.00
44	T	Bromodichloromethane	10.000	10.672	-6.7	98	0.00
45	T	4-Methyl-2-Pentanone	50.000	56.409	-12.8	94	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	17.004	15.0	83	0.00
47	t	Methyl methacrylate	20.000	20.425	-2.1	98	0.00
48	t	Ethyl methacrylate	10.000	10.153	-1.5	97	0.00
49	Rt	Toluene	10.000	11.990	-19.9	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.871	-18.7	98	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.345	-13.5	95	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.840	-8.4	99	0.00
53	t	1,3-Dichloropropane	10.000	11.011	-10.1	98	0.00
54	t	2-Hexanone	50.000	47.752	4.5	91	0.00
55	t	Dibromochloromethane	10.000	11.135	-11.3	99	0.00
56	T	1,2-Dibromoethane	10.000	10.523	-5.2	98	0.00
57	S	4-Bromofluorobenzene	1.000	1.115	-11.5	92	0.00
58	RT	Tetrachloroethene	10.000	10.833	-8.3	96	0.00
59	Rt	Chlorobenzene	10.000	11.172	-11.7	97	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.806	-8.1	98	0.00
61	t	Pentachloroethane	10.000	10.167	-1.7	96	0.00
62	t	Hexachloroethane	10.000	10.813	-8.1	98	0.00
63	Rt	Ethyl Benzene	10.000	12.230	-22.3	98	0.00
64	RT	m/p-Xylenes	20.000	20.546	-2.7	97	0.00
65	RT	o-Xylene	10.000	11.956	-19.6	97	0.00
66	RT	Styrene	10.000	10.411	-4.1	99	0.00
67	t	Bromoform	10.000	10.921	-9.2	97	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.034	-3.4	91	0.00
69	T	Isopropylbenzene	10.000	12.014	-20.1	97	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.771	-7.7	100	0.00
71	T	1,2,3-Trichloropropane	10.000	10.588	-5.9	109	0.00
72	t	Bromobenzene	10.000	11.117	-11.2	96	0.00
73	t	n-propylbenzene	10.000	10.132	-1.3	97	0.00
74	t	2-Chlorotoluene	10.000	11.939	-19.4	98	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.431	-4.3	98	0.00
76	t	4-Chlorotoluene	10.000	11.559	-15.6	97	0.00
77	t	tert-Butylbenzene	10.000	11.777	-17.8	96	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.228	-2.3	97	0.00
79	t	sec-Butylbenzene	10.000	12.084	-20.8	98	0.00
80		Nitrobenzene	50.000	45.141	9.7	90	0.00
81	t	p-Isopropyltoluene	10.000	10.172	-1.7	96	0.00
82	t	1,3-Dichlorobenzene	10.000	11.027	-10.3	97	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.953	-9.5	97	0.00
84	t	n-Butylbenzene	10.000	11.646	-16.5	94	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.059	-10.6	96	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.271	-12.7	97	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.737	-7.4	92	0.00
88	t	Hexachlorobutadiene	10.000	10.263	-2.6	92	0.00
89	t	Naphthalene	10.000	9.113	8.9	89	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.000	-10.0	93	0.00

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