Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
Data File : VU063530.D
Acq On : 17 Jul 2025 18:21
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 18 04:17:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 17 03:49:40 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	104	0.00
2	T	Dichlorodifluoromethane	10.000	7.922	20.8	82	0.00
3	t	Chloromethane	10.000	8.430	15.7	89	0.00
4	Rt	Vinyl Chloride	10.000	8.785	12.1	90	0.00
5	T	Bromomethane	10.000	8.799	12.0	99	0.00
6	T	Chloroethane	10.000	8.894	11.1	91	0.00
7	T	Trichlorofluoromethane	10.000	9.064	9.4	93	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.094	9.1	93	0.00
9	Rt	1,1-Dichloroethene	10.000	9.112	8.9	93	0.00
10	t	Iodomethane	10.000	6.922	30.8#	72	0.00
11	t	Allyl Chloride	10.000	8.838	11.6	90	0.00
12	t	Acrylonitrile	20.000	16.898	15.5	90	0.00
13	T	Acetone	50.000	41.278	17.4	89	0.00
14	T	Carbon Disulfide	10.000	7.882	21.2	80	0.00
15	RT	Methylene Chloride	10.000	8.871	11.3	96	0.00
16	RT	trans-1,2-Dichloroethene	10.000	8.967	10.3	92	0.00
17	t	1,1-Dichloroethane	10.000	9.156	8.4	95	0.00
18	T	2-Butanone	50.000	43.789	12.4	92	0.00
19		Cyclohexane	10.000	9.015	9.8	94	0.00
20		Methylcyclohexane	10.000	7.550	24.5	72	0.00
21	T	2,2-Dichloropropane	10.000	7.355	26.4	78	0.00
22	RT	cis-1,2-Dichloroethene	10.000	8.980	10.2	93	0.00
23	t	Diethyl Ether	10.000	9.564	4.4	95	0.00
24	t	tert-Butyl Alcohol	100.000	95.696	4.3	99	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.332	6.7	95	0.00
26	t	Bromochloromethane	10.000	9.268	7.3	94	0.00
27	t	Chloroform	10.000	9.150	8.5	97	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.133	8.7	93	0.00
29	T	1,1-Dichloropropene	10.000	9.032	9.7	95	0.00
30	RT	Carbon Tetrachloride	10.000	9.051	9.5	91	0.00
31	t	Isopropyl Ether	10.000	9.301	7.0	96	0.00
32		Ethyl-t-butyl ether	10.000	9.308	6.9	96	0.00
33		Tert-Amyl methyl ether	10.000	9.127	8.7	94	0.00
34	t	Propionitrile	50.000	46.039	7.9	102	0.00
35	RT	Benzene	10.000	9.367	6.3	95	0.00
36	RT	1,2-Dichloroethane	10.000	9.507	4.9	96	0.00
37	RT	Trichloroethene	10.000	7.946	20.5	77	0.00
38	Rt	1,2-Dichloropropane	10.000	8.415	15.9	76	0.00
39	t	Methacrylonitrile	10.000	8.530	14.7	95	0.00
40	t	Methyl acrylate	10.000	9.443	5.6	93	0.00
41	t	Tetrahydrofuran	20.000	17.630	11.9	100	0.00
42	t	1-Chlorobutane	10.000	9.202	8.0	94	0.00
43	T	Dibromomethane	10.000	8.509	14.9	82	0.00
44	T	Bromodichloromethane	10.000	8.226	17.7	84	0.00
45	T	4-Methyl-2-Pentanone	50.000	45.620	8.8	92	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	16.755	16.2	76	0.00
47	t	Methyl methacrylate	20.000	17.463	12.7	86	0.00
48	t	Ethyl methacrylate	10.000	9.171	8.3	86	0.00
49	Rt	Toluene	10.000	8.861	11.4	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	8.665	13.4	80	0.00
51	T	cis-1,3-Dichloropropene	10.000	8.451	15.5	82	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.190	8.1	91	0.00
53	t	1,3-Dichloropropane	10.000	8.967	10.3	90	0.00
54	t	2-Hexanone	50.000	46.147	7.7	91	0.00
55	t	Dibromochloromethane	10.000	9.024	9.8	82	0.00
56	T	1,2-Dibromoethane	10.000	8.726	12.7	87	0.00
57	S	4-Bromofluorobenzene	1.000	0.853	14.7	91	0.00
58	RT	Tetrachloroethene	10.000	8.447	15.5	85	0.00
59	Rt	Chlorobenzene	10.000	8.820	11.8	88	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	8.613	13.9	84	0.00
61	t	Pentachloroethane	10.000	8.839	11.6	83	0.00
62	t	Hexachloroethane	10.000	8.707	12.9	78	0.00
63	Rt	Ethyl Benzene	10.000	8.770	12.3	88	0.00
64	RT	m/p-Xylenes	20.000	17.789	11.1	88	0.00
65	RT	o-Xylene	10.000	9.051	9.5	88	0.00
66	RT	Styrene	10.000	9.301	7.0	89	0.00
67	t	Bromoform	10.000	8.103	19.0	74	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	0.970	3.0	98	0.00
69	T	Isopropylbenzene	10.000	9.069	9.3	88	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.256	7.4	93	0.00
71	T	1,2,3-Trichloropropane	10.000	8.540	14.6	81	0.00
72	t	Bromobenzene	10.000	8.769	12.3	87	0.00
73	t	n-propylbenzene	10.000	9.103	9.0	87	0.00
74	t	2-Chlorotoluene	10.000	9.007	9.9	89	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.221	7.8	89	0.00
76	t	4-Chlorotoluene	10.000	9.098	9.0	89	0.00
77	t	tert-Butylbenzene	10.000	9.032	9.7	88	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.226	7.7	89	0.00
79	t	sec-Butylbenzene	10.000	9.188	8.1	89	0.00
80		Nitrobenzene	50.000	33.947	32.1#	62	0.00
81	t	p-Isopropyltoluene	10.000	9.355	6.4	90	0.00
82	t	1,3-Dichlorobenzene	10.000	8.847	11.5	87	0.00
83	Rt	1,4-Dichlorobenzene	10.000	9.521	4.8	92	0.00
84	t	n-Butylbenzene	10.000	9.243	7.6	87	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.134	8.7	89	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	8.372	16.3	83	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.601	4.0	90	0.00
88	t	Hexachlorobutadiene	10.000	8.500	15.0	82	0.00
89	t	Naphthalene	10.000	8.601	14.0	82	0.00
90	t	1,2,3-Trichlorobenzene	10.000	8.784	12.2	83	0.00

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