Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071825\
Data File : VU063544.D
Acq On : 18 Jul 2025 18:56
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 18 23:52:37 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	66	0.00
2	T	Dichlorodifluoromethane	10.000	11.014	-10.1	73	0.00
3	t	Chloromethane	10.000	12.218	-22.2	83	0.00
4	Rt	Vinyl Chloride	10.000	12.237	-22.4	80	0.00
5	T	Bromomethane	10.000	13.283	-32.8#	95	0.00
6	T	Chloroethane	10.000	12.795	-27.9	84	0.00
7	T	Trichlorofluoromethane	10.000	12.778	-27.8	84	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	13.449	-34.5#	88	0.00
9	Rt	1,1-Dichloroethene	10.000	12.918	-29.2	84	0.00
10	t	Iodomethane	10.000	7.910	20.9	54	0.00
11	t	Allyl Chloride	10.000	12.603	-26.0	82	0.00
12	t	Acrylonitrile	20.000	24.532	-22.7	84	0.00
13	T	Acetone	50.000	58.771	-17.5	81	0.00
14	T	Carbon Disulfide	10.000	10.039	-0.4	65	0.00
15	RT	Methylene Chloride	10.000	13.019	-30.2#	90	0.00
16	RT	trans-1,2-Dichloroethene	10.000	12.821	-28.2	84	0.00
17	t	1,1-Dichloroethane	10.000	13.514	-35.1#	89	0.00
18	T	2-Butanone	50.000	64.697	-29.4	87	0.00
19		Cyclohexane	10.000	12.588	-25.9	84	0.00
20		Methylcyclohexane	10.000	10.681	-6.8	65	0.00
21	T	2,2-Dichloropropane	10.000	10.490	-4.9	71	0.00
22	RT	cis-1,2-Dichloroethene	10.000	13.256	-32.6#	88	0.00
23	t	Diethyl Ether	10.000	13.597	-36.0#	87	0.00
24	t	tert-Butyl Alcohol	100.000	128.772	-28.8	85	0.00
25	t	Methyl tert-Butyl Ether	10.000	13.451	-34.5#	87	0.00
26	t	Bromochloromethane	10.000	13.807	-38.1#	89	0.00
27	t	Chloroform	10.000	13.472	-34.7#	91	0.00
28	RT	1,1,1-Trichloroethane	10.000	12.812	-28.1	84	0.00
29	T	1,1-Dichloropropene	10.000	12.876	-28.8	86	0.00
30	RT	Carbon Tetrachloride	10.000	12.755	-27.6	82	0.00
31	t	Isopropyl Ether	10.000	13.193	-31.9#	87	0.00
32		Ethyl-t-butyl ether	10.000	13.314	-33.1#	88	0.00
33		Tert-Amyl methyl ether	10.000	10.275	-2.8	68	0.00
34	t	Propionitrile	50.000	64.554	-29.1	91	0.00
35	RT	Benzene	10.000	13.492	-34.9#	88	0.00
36	RT	1,2-Dichloroethane	10.000	13.669	-36.7#	88	0.00
37	RT	Trichloroethene	10.000	10.869	-8.7	67	0.00
38	Rt	1,2-Dichloropropane	10.000	12.324	-23.2	72	0.00
39	t	Methacrylonitrile	10.000	12.993	-29.9	93	0.00
40	t	Methyl acrylate	10.000	13.534	-35.3#	85	0.00
41	t	Tetrahydrofuran	20.000	24.943	-24.7	91	0.00
42	t	1-Chlorobutane	10.000	13.033	-30.3#	85	0.00
43	T	Dibromomethane	10.000	12.332	-23.3	76	0.00
44	T	Bromodichloromethane	10.000	11.704	-17.0	76	0.00
45	T	4-Methyl-2-Pentanone	50.000	65.803	-31.6#	84	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	22.841	-14.2	67	0.00
47	t	Methyl methacrylate	20.000	24.746	-23.7	78	0.00
48	t	Ethyl methacrylate	10.000	13.085	-30.9#	79	0.00
49	Rt	Toluene	10.000	12.767	-27.7	81	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.315	-13.1	67	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.536	-15.4	72	0.00
52	RT	1,1,2-Trichloroethane	10.000	12.950	-29.5	82	0.00
53	t	1,3-Dichloropropane	10.000	13.013	-30.1#	83	0.00
54	t	2-Hexanone	50.000	66.656	-33.3#	84	0.00
55	t	Dibromochloromethane	10.000	12.206	-22.1	71	0.00
56	T	1,2-Dibromoethane	10.000	12.568	-25.7	80	0.00
57	S	4-Bromofluorobenzene	1.000	1.230	-23.0	84	0.00
58	RT	Tetrachloroethene	10.000	11.547	-15.5	74	0.00
59	Rt	Chlorobenzene	10.000	12.620	-26.2	80	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	11.922	-19.2	74	0.00
61	t	Pentachloroethane	10.000	12.966	-29.7	78	0.00
62	t	Hexachloroethane	10.000	12.481	-24.8	72	0.00
63	Rt	Ethyl Benzene	10.000	12.689	-26.9	82	0.00
64	RT	m/p-Xylenes	20.000	26.181	-30.9#	83	0.00
65	RT	o-Xylene	10.000	13.178	-31.8#	82	0.00
66	RT	Styrene	10.000	13.632	-36.3#	83	0.00
67	t	Bromoform	10.000	11.159	-11.6	65	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.317	-31.7#	85	0.00
69	T	Isopropylbenzene	10.000	13.288	-32.9#	82	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	13.578	-35.8#	87	0.00
71	T	1,2,3-Trichloropropane	10.000	10.870	-8.7	66	0.00
72	t	Bromobenzene	10.000	12.683	-26.8	81	0.00
73	t	n-propylbenzene	10.000	13.486	-34.9#	83	0.00
74	t	2-Chlorotoluene	10.000	13.172	-31.7#	83	0.00
75	t	1,3,5-Trimethylbenzene	10.000	13.628	-36.3#	84	0.00
76	t	4-Chlorotoluene	10.000	13.418	-34.2#	84	0.00
77	t	tert-Butylbenzene	10.000	13.376	-33.8#	83	0.00
78	t	1,2,4-Trimethylbenzene	10.000	13.660	-36.6#	84	0.00
79	t	sec-Butylbenzene	10.000	13.715	-37.1#	85	0.00
80		Nitrobenzene	50.000	41.586	16.8	51	0.00
81	t	p-Isopropyltoluene	10.000	13.672	-36.7#	84	0.00
82	t	1,3-Dichlorobenzene	10.000	13.274	-32.7#	83	0.00
83	Rt	1,4-Dichlorobenzene	10.000	13.426	-34.3#	83	0.00
84	t	n-Butylbenzene	10.000	14.015	-40.2#	84	0.00
85	Rt	1,2-Dichlorobenzene	10.000	13.275	-32.8#	82	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.029	-10.3	74	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.640	-26.4	76	0.00
88	t	Hexachlorobutadiene	10.000	12.327	-23.3	76	0.00
89	t	Naphthalene	10.000	12.586	-25.9	76	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.802	-28.0	77	0.00

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