Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
Data File : VU063553.D
Acq On : 21 Jul 2025 19:14
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 22 04:09:53 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	70	0.00
2	T	Dichlorodifluoromethane	0.295	0.293	0.7	69	0.00
3	t	Chloromethane	0.274	0.292	-6.6	76	0.00
4	Rt	Vinyl Chloride	0.349	0.379	-8.6	75	0.00
5	T	Bromomethane	0.263	0.264	-0.4	76	0.00
6	T	Chloroethane	0.211	0.246	-16.6	80	0.00
7	T	Trichlorofluoromethane	0.501	0.585	-16.8	80	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.262	0.312	-19.1	82	0.00
9	Rt	1,1-Dichloroethene	0.260	0.293	-12.7	77	0.00
10	t	Iodomethane	0.314	0.393	-25.2	74	0.00
11	t	Allyl Chloride	0.375	0.403	-7.5	74	0.00
12	t	Acrylonitrile	0.065	0.078	-20.0	86	0.00
13	T	Acetone	0.052	0.054	-3.8	76	0.00
14	T	Carbon Disulfide	0.839	0.745	11.2	60	0.00
15	RT	Methylene Chloride	0.306	0.361	-18.0	86	0.00
16	RT	trans-1,2-Dichloroethene	0.295	0.328	-11.2	77	0.00
17	t	1,1-Dichloroethane	0.546	0.652	-19.4	83	0.00
18	T	2-Butanone	0.081	0.095	-17.3	84	0.00
19		Cyclohexane	0.463	0.529	-14.3	80	0.00
20		Methylcyclohexane	0.450	0.432	4.0	62	0.00
21	T	2,2-Dichloropropane	0.465	0.426	8.4	66	0.00
22	RT	cis-1,2-Dichloroethene	0.320	0.376	-17.5	82	0.00
23	t	Diethyl Ether	0.198	0.239	-20.7	81	0.00
24	t	tert-Butyl Alcohol	0.024	0.029	-20.8	86	0.00
25	t	Methyl tert-Butyl Ether	0.678	0.802	-18.3	81	0.00
26	t	Bromochloromethane	0.134	0.162	-20.9	82	0.00
27	t	Chloroform	0.558	0.673	-20.6	86	0.00
28	RT	1,1,1-Trichloroethane	0.473	0.546	-15.4	79	0.00
29	T	1,1-Dichloropropene	0.438	0.517	-18.0	83	0.00
30	RT	Carbon Tetrachloride	0.381	0.438	-15.0	78	0.00
31	t	Isopropyl Ether	0.825	0.984	-19.3	83	0.00
32		Ethyl-t-butyl ether	0.763	0.888	-16.4	81	0.00
33		Tert-Amyl methyl ether	0.663	0.791	-19.3	83	0.00
34	t	Propionitrile	0.025	0.028	-12.0	86	0.00
35	RT	Benzene	1.178	1.444	-22.6	84	0.00
36	RT	1,2-Dichloroethane	0.366	0.459	-25.4	85	0.00
37	RT	Trichloroethene	0.301	0.276	8.3	60	0.00
38	Rt	1,2-Dichloropropane	0.276	0.296	-7.2	66	0.00
39	t	Methacrylonitrile	0.109	0.124	-13.8	85	0.00
40	t	Methyl acrylate	0.159	0.195	-22.6	81	0.00
41	t	Tetrahydrofuran	0.057	0.063	-10.5	84	0.00
42	t	1-Chlorobutane	0.583	0.703	-20.6	83	0.00
43	T	Dibromomethane	0.143	0.153	-7.0	70	0.00
44	T	Bromodichloromethane	0.322	0.319	0.9	68	0.00
45	T	4-Methyl-2-Pentanone	0.147	0.173	-17.7	79	0.00
46	t	t-1,4-Dichloro-2-butene	0.055	0.065	-18.2	72	0.00
47	t	Methyl methacrylate	0.120	0.134	-11.7	74	0.00
48	t	Ethyl methacrylate	0.229	0.264	-15.3	73	0.00
49	Rt	Toluene	0.643	0.717	-11.5	75	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.253	0.239	5.5	59	0.00
51	T	cis-1,3-Dichloropropene	0.339	0.331	2.4	64	0.00
52	RT	1,1,2-Trichloroethane	0.192	0.220	-14.6	76	0.00
53	t	1,3-Dichloropropane	0.332	0.386	-16.3	78	0.00
54	t	2-Hexanone	0.098	0.115	-17.3	78	0.00
55	t	Dibromochloromethane	0.203	0.207	-2.0	62	0.00
56	T	1,2-Dibromoethane	0.172	0.192	-11.6	75	0.00
57	S	4-Bromofluorobenzene	0.379	0.414	-9.2	78	0.00
58	RT	Tetrachloroethene	0.275	0.262	4.7	64	0.00
59	Rt	Chlorobenzene	0.739	0.810	-9.6	73	0.00
60	T	1,1,1,2-Tetrachloroethane	0.238	0.247	-3.8	68	0.00
61	t	Pentachloroethane	0.168	0.206	-22.6	77	0.00
62	t	Hexachloroethane	0.166	0.174	-4.8	63	0.00
63	Rt	Ethyl Benzene	1.271	1.406	-10.6	75	0.00
64	RT	m/p-Xylenes	0.494	0.552	-11.7	74	0.00
65	RT	o-Xylene	0.475	0.551	-16.0	76	0.00
66	RT	Styrene	0.757	0.890	-17.6	76	0.00
67	t	Bromoform	0.104	0.098	5.8	58	0.00
68	S	1,2-Dichlorobenzene-d4	0.350	0.397	-13.4	77	0.00
69	T	Isopropylbenzene	1.148	1.345	-17.2	76	0.00
70	T	1,1,2,2-Tetrachloroethane	0.234	0.286	-22.2	82	0.00
71	T	1,2,3-Trichloropropane	0.190	0.202	-6.3	68	0.00
72	t	Bromobenzene	0.296	0.332	-12.2	75	0.00
73	t	n-propylbenzene	0.346	0.404	-16.8	75	0.00
74	t	2-Chlorotoluene	0.305	0.351	-15.1	76	0.00
75	t	1,3,5-Trimethylbenzene	1.097	1.306	-19.1	77	0.00
76	t	4-Chlorotoluene	0.310	0.373	-20.3	79	0.00
77	t	tert-Butylbenzene	1.048	1.238	-18.1	77	0.00
78	t	1,2,4-Trimethylbenzene	1.088	1.323	-21.6	78	0.00
79	t	sec-Butylbenzene	1.413	1.723	-21.9	79	0.00
80		Nitrobenzene	0.004	0.004	0.0	46	0.00
81	t	p-Isopropyltoluene	1.180	1.408	-19.3	77	0.00
82	t	1,3-Dichlorobenzene	0.593	0.685	-15.5	76	0.00
83	Rt	1,4-Dichlorobenzene	0.593	0.687	-15.9	76	0.00
84	t	n-Butylbenzene	1.094	1.412	-29.1	81	0.00
85	Rt	1,2-Dichlorobenzene	0.557	0.654	-17.4	77	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.033	0.038	-15.2	67	0.00
87	Rt	1,2,4-Trichlorobenzene	0.346	0.386	-11.6	70	0.00
88	t	Hexachlorobutadiene	0.197	0.215	-9.1	71	0.00
89	t	Naphthalene	0.621	0.730	-17.6	75	0.00
90	t	1,2,3-Trichlorobenzene	0.320	0.434	-35.6#	86	0.00

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