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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	66	0.00
2	T	Dichlorodifluoromethane	0.295	0.325	-10.2	73	0.00
3	t	Chloromethane	0.274	0.335	-22.3	83	0.00
4	Rt	Vinyl Chloride	0.349	0.427	-22.3	80	0.00
5	T	Bromomethane	0.263	0.350	-33.1#	95	0.00
6	T	Chloroethane	0.211	0.270	-28.0	84	0.00
7	T	Trichlorofluoromethane	0.501	0.640	-27.7	84	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.262	0.352	-34.4#	88	0.00
9	Rt	1,1-Dichloroethene	0.260	0.335	-28.8	84	0.00
10	t	Iodomethane	0.314	0.299	4.8	54	0.00
11	t	Allyl Chloride	0.375	0.473	-26.1	82	0.00
12	t	Acrylonitrile	0.065	0.080	-23.1	84	0.00
13	T	Acetone	0.052	0.061	-17.3	81	0.00
14	T	Carbon Disulfide	0.839	0.842	-0.4	65	0.00
15	RT	Methylene Chloride	0.306	0.398	-30.1#	90	0.00
16	RT	trans-1,2-Dichloroethene	0.295	0.378	-28.1	84	0.00
17	t	1,1-Dichloroethane	0.546	0.739	-35.3#	89	0.00
18	T	2-Butanone	0.081	0.104	-28.4	87	0.00
19		Cyclohexane	0.463	0.582	-25.7	84	0.00
20		Methylcyclohexane	0.450	0.480	-6.7	65	0.00
21	T	2,2-Dichloropropane	0.465	0.488	-4.9	71	0.00
22	RT	cis-1,2-Dichloroethene	0.320	0.424	-32.5#	88	0.00
23	t	Diethyl Ether	0.198	0.269	-35.9#	87	0.00
24	t	tert-Butyl Alcohol	0.024	0.031	-29.2	85	0.00
25	t	Methyl tert-Butyl Ether	0.678	0.912	-34.5#	87	0.00
26	t	Bromochloromethane	0.134	0.184	-37.3#	89	0.00
27	t	Chloroform	0.558	0.751	-34.6#	91	0.00
28	RT	1,1,1-Trichloroethane	0.473	0.606	-28.1	84	0.00
29	T	1,1-Dichloropropene	0.438	0.565	-29.0	86	0.00
30	RT	Carbon Tetrachloride	0.381	0.486	-27.6	82	0.00
31	t	Isopropyl Ether	0.825	1.088	-31.9#	87	0.00
32		Ethyl-t-butyl ether	0.763	1.016	-33.2#	88	0.00
33		Tert-Amyl methyl ether	0.663	0.681	-2.7	68	0.00
34	t	Propionitrile	0.025	0.032	-28.0	91	0.00
35	RT	Benzene	1.178	1.589	-34.9#	88	0.00
36	RT	1,2-Dichloroethane	0.366	0.500	-36.6#	88	0.00
37	RT	Trichloroethene	0.301	0.327	-8.6	67	0.00
38	Rt	1,2-Dichloropropane	0.276	0.340	-23.2	72	0.00
39	t	Methacrylonitrile	0.109	0.142	-30.3#	93	0.00
40	t	Methyl acrylate	0.159	0.216	-35.8#	85	0.00
41	t	Tetrahydrofuran	0.057	0.072	-26.3	91	0.00
42	t	1-Chlorobutane	0.583	0.760	-30.4#	85	0.00
43	T	Dibromomethane	0.143	0.176	-23.1	76	0.00
44	T	Bromodichloromethane	0.322	0.377	-17.1	76	0.00
45	T	4-Methyl-2-Pentanone	0.147	0.194	-32.0#	84	0.00
46	t	t-1,4-Dichloro-2-butene	0.055	0.063	-14.5	67	0.00
47	t	Methyl methacrylate	0.120	0.148	-23.3	78	0.00
48	t	Ethyl methacrylate	0.229	0.300	-31.0#	79	0.00
49	Rt	Toluene	0.643	0.821	-27.7	81	0.00

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LabSampleId :
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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.253	0.286	-13.0	67	0.00
51	T	cis-1,3-Dichloropropene	0.339	0.391	-15.3	72	0.00
52	RT	1,1,2-Trichloroethane	0.192	0.249	-29.7	82	0.00
53	t	1,3-Dichloropropane	0.332	0.432	-30.1#	83	0.00
54	t	2-Hexanone	0.098	0.130	-32.7#	84	0.00
55	t	Dibromochloromethane	0.203	0.248	-22.2	71	0.00
56	T	1,2-Dibromoethane	0.172	0.216	-25.6	80	0.00
57	S	4-Bromofluorobenzene	0.379	0.466	-23.0	84	0.00
58	RT	Tetrachloroethene	0.275	0.318	-15.6	74	0.00
59	Rt	Chlorobenzene	0.739	0.932	-26.1	80	0.00
60	T	1,1,1,2-Tetrachloroethane	0.238	0.283	-18.9	74	0.00
61	t	Pentachloroethane	0.168	0.218	-29.8	78	0.00
62	t	Hexachloroethane	0.166	0.207	-24.7	72	0.00
63	Rt	Ethyl Benzene	1.271	1.613	-26.9	82	0.00
64	RT	m/p-Xylenes	0.494	0.647	-31.0#	83	0.00
65	RT	o-Xylene	0.475	0.626	-31.8#	82	0.00
66	RT	Styrene	0.757	1.032	-36.3#	83	0.00
67	t	Bromoform	0.104	0.116	-11.5	65	0.00
68	S	1,2-Dichlorobenzene-d4	0.350	0.461	-31.7#	85	0.00
69	T	Isopropylbenzene	1.148	1.525	-32.8#	82	0.00
70	T	1,1,2,2-Tetrachloroethane	0.234	0.318	-35.9#	87	0.00
71	T	1,2,3-Trichloropropane	0.190	0.207	-8.9	66	0.00
72	t	Bromobenzene	0.296	0.376	-27.0	81	0.00
73	t	n-propylbenzene	0.346	0.466	-34.7#	83	0.00
74	t	2-Chlorotoluene	0.305	0.402	-31.8#	83	0.00
75	t	1,3,5-Trimethylbenzene	1.097	1.494	-36.2#	84	0.00
76	t	4-Chlorotoluene	0.310	0.416	-34.2#	84	0.00
77	t	tert-Butylbenzene	1.048	1.402	-33.8#	83	0.00
78	t	1,2,4-Trimethylbenzene	1.088	1.486	-36.6#	84	0.00
79	t	sec-Butylbenzene	1.413	1.938	-37.2#	85	0.00
80		Nitrobenzene	0.004	0.004	0.0	51	0.00
81	t	p-Isopropyltoluene	1.180	1.613	-36.7#	84	0.00
82	t	1,3-Dichlorobenzene	0.593	0.787	-32.7#	83	0.00
83	Rt	1,4-Dichlorobenzene	0.593	0.797	-34.4#	83	0.00
84	t	n-Butylbenzene	1.094	1.533	-40.1#	84	0.00
85	Rt	1,2-Dichlorobenzene	0.557	0.739	-32.7#	82	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.033	0.045	-36.4#	74	0.00
87	Rt	1,2,4-Trichlorobenzene	0.346	0.438	-26.6	76	0.00
88	t	Hexachlorobutadiene	0.197	0.242	-22.8	76	0.00
89	t	Naphthalene	0.621	0.781	-25.8	76	0.00
90	t	1,2,3-Trichlorobenzene	0.320	0.410	-28.1	77	0.00

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