Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072125\
Data File : VU063546.D
Acq On : 21 Jul 2025 09:13
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 22 04:06:02 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	99	0.00
2	T	Dichlorodifluoromethane	0.295	0.267	9.5	89	0.00
3	t	Chloromethane	0.274	0.261	4.7	97	0.00
4	Rt	Vinyl Chloride	0.349	0.309	11.5	87	0.00
5	T	Bromomethane	0.263	0.239	9.1	97	0.00
6	T	Chloroethane	0.211	0.190	10.0	88	0.00
7	T	Trichlorofluoromethane	0.501	0.458	8.6	89	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.262	0.242	7.6	90	0.00
9	Rt	1,1-Dichloroethene	0.260	0.229	11.9	86	0.00
10	t	Iodomethane	0.314	0.243	22.6	65	0.00
11	t	Allyl Chloride	0.375	0.332	11.5	86	0.00
12	t	Acrylonitrile	0.065	0.060	7.7	95	0.00
13	T	Acetone	0.052	0.075	-44.2#	149	0.00
14	T	Carbon Disulfide	0.839	0.685	18.4	79	0.00
15	RT	Methylene Chloride	0.306	0.266	13.1	90	0.00
16	RT	trans-1,2-Dichloroethene	0.295	0.262	11.2	87	0.00
17	t	1,1-Dichloroethane	0.546	0.495	9.3	90	0.00
18	T	2-Butanone	0.081	0.093	-14.8	115	0.00
19		Cyclohexane	0.463	0.425	8.2	91	0.00
20		Methylcyclohexane	0.450	0.432	4.0	87	0.00
21	T	2,2-Dichloropropane	0.465	0.427	8.2	93	0.00
22	RT	cis-1,2-Dichloroethene	0.320	0.295	7.8	92	0.00
23	t	Diethyl Ether	0.198	0.186	6.1	90	0.00
24	t	tert-Butyl Alcohol	0.024	0.022	8.3	92	-0.02
25	t	Methyl tert-Butyl Ether	0.678	0.637	6.0	91	0.00
26	t	Bromochloromethane	0.134	0.123	8.2	88	0.00
27	t	Chloroform	0.558	0.508	9.0	92	0.00
28	RT	1,1,1-Trichloroethane	0.473	0.471	0.4	97	0.00
29	T	1,1-Dichloropropene	0.438	0.420	4.1	96	0.00
30	RT	Carbon Tetrachloride	0.381	0.391	-2.6	99	0.00
31	t	Isopropyl Ether	0.825	0.741	10.2	88	0.00
32		Ethyl-t-butyl ether	0.763	0.690	9.6	89	0.00
33		Tert-Amyl methyl ether	0.663	0.614	7.4	92	0.00
34	t	Propionitrile	0.025	0.022	12.0	95	0.00
35	RT	Benzene	1.178	1.237	-5.0	102	0.00
36	RT	1,2-Dichloroethane	0.366	0.368	-0.5	97	0.00
37	RT	Trichloroethene	0.301	0.288	4.3	89	0.00
38	Rt	1,2-Dichloropropane	0.276	0.296	-7.2	93	0.00
39	t	Methacrylonitrile	0.109	0.093	14.7	91	0.00
40	t	Methyl acrylate	0.159	0.141	11.3	83	0.00
41	t	Tetrahydrofuran	0.057	0.048	15.8	91	0.00
42	t	1-Chlorobutane	0.583	0.567	2.7	95	0.00
43	T	Dibromomethane	0.143	0.149	-4.2	96	0.00
44	T	Bromodichloromethane	0.322	0.338	-5.0	102	0.00
45	T	4-Methyl-2-Pentanone	0.147	0.161	-9.5	105	0.00
46	t	t-1,4-Dichloro-2-butene	0.055	0.068	-23.6	107	0.00
47	t	Methyl methacrylate	0.120	0.133	-10.8	104	0.00
48	t	Ethyl methacrylate	0.229	0.234	-2.2	92	0.00
49	Rt	Toluene	0.643	0.606	5.8	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.253	0.247	2.4	86	0.00
51	T	cis-1,3-Dichloropropene	0.339	0.376	-10.9	103	0.00
52	RT	1,1,2-Trichloroethane	0.192	0.186	3.1	91	0.00
53	t	1,3-Dichloropropane	0.332	0.321	3.3	93	0.00
54	t	2-Hexanone	0.098	0.111	-13.3	107	0.00
55	t	Dibromochloromethane	0.203	0.200	1.5	86	0.00
56	T	1,2-Dibromoethane	0.172	0.164	4.7	91	0.00
57	S	4-Bromofluorobenzene	0.379	0.428	-12.9	115	0.00
58	RT	Tetrachloroethene	0.275	0.243	11.6	84	0.00
59	Rt	Chlorobenzene	0.739	0.696	5.8	90	0.00
60	T	1,1,1,2-Tetrachloroethane	0.238	0.227	4.6	89	0.00
61	t	Pentachloroethane	0.168	0.165	1.8	88	0.00
62	t	Hexachloroethane	0.166	0.175	-5.4	90	0.00
63	Rt	Ethyl Benzene	1.271	1.201	5.5	91	0.00
64	RT	m/p-Xylenes	0.494	0.478	3.2	91	0.00
65	RT	o-Xylene	0.475	0.467	1.7	92	0.00
66	RT	Styrene	0.757	0.764	-0.9	92	0.00
67	t	Bromoform	0.104	0.103	1.0	86	0.00
68	S	1,2-Dichlorobenzene-d4	0.350	0.349	0.3	97	0.00
69	T	Isopropylbenzene	1.148	1.134	1.2	92	0.00
70	T	1,1,2,2-Tetrachloroethane	0.234	0.239	-2.1	98	0.00
71	T	1,2,3-Trichloropropane	0.190	0.175	7.9	84	0.00
72	t	Bromobenzene	0.296	0.287	3.0	92	0.00
73	t	n-propylbenzene	0.346	0.350	-1.2	93	0.00
74	t	2-Chlorotoluene	0.305	0.301	1.3	93	0.00
75	t	1,3,5-Trimethylbenzene	1.097	1.103	-0.5	93	0.00
76	t	4-Chlorotoluene	0.310	0.313	-1.0	94	0.00
77	t	tert-Butylbenzene	1.048	1.041	0.7	92	0.00
78	t	1,2,4-Trimethylbenzene	1.088	1.105	-1.6	93	0.00
79	t	sec-Butylbenzene	1.413	1.430	-1.2	94	0.00
80		Nitrobenzene	0.004	0.004	0.0	70	0.00
81	t	p-Isopropyltoluene	1.180	1.201	-1.8	94	0.00
82	t	1,3-Dichlorobenzene	0.593	0.588	0.8	93	0.00
83	Rt	1,4-Dichlorobenzene	0.593	0.593	0.0	93	0.00
84	t	n-Butylbenzene	1.094	1.121	-2.5	92	0.00
85	Rt	1,2-Dichlorobenzene	0.557	0.559	-0.4	93	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.033	0.036	-9.1	89	0.00
87	Rt	1,2,4-Trichlorobenzene	0.346	0.327	5.5	84	0.00
88	t	Hexachlorobutadiene	0.197	0.187	5.1	88	0.00
89	t	Naphthalene	0.621	0.545	12.2	80	0.00
90	t	1,2,3-Trichlorobenzene	0.320	0.295	7.8	83	0.00

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