Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103125\
Data File : VU063661.D
Acq On : 31 Oct 2025 13:56
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU103125

Quant Time: Nov 03 00:56:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U103125DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Mon Nov 03 00:51:51 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	102	0.00
2	T	Dichlorodifluoromethane	0.376	0.204	45.7#	53	0.00
3	t	Chloromethane	0.354	0.255	28.0	74	0.00
4	Rt	Vinyl Chloride	0.360	0.284	21.1	76	0.00
5	T	Bromomethane	0.218	0.183	16.1	90	0.01
6	T	Chloroethane	0.221	0.190	14.0	85	0.00
7	T	Trichlorofluoromethane	0.524	0.449	14.3	83	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.278	0.264	5.0	93	0.00
9	Rt	1,1-Dichloroethene	0.270	0.257	4.8	93	0.00
10	t	Iodomethane	0.400	0.363	9.3	86	0.00
11	t	Allyl Chloride	0.421	0.424	-0.7	98	0.00
12	t	Acrylonitrile	0.067	0.150	-123.9#	207#	0.00
13	T	Acetone	0.118	0.066	44.1#	57	0.00
14	T	Carbon Disulfide	0.760	0.653	14.1	85	0.00
15	RT	Methylene Chloride	0.347	0.296	14.7	93	0.00
16	RT	trans-1,2-Dichloroethene	0.297	0.272	8.4	88	0.00
17	t	1,1-Dichloroethane	0.589	0.553	6.1	92	0.00
18	T	2-Butanone	0.125	0.080	36.0#	63	0.00
19		Cyclohexane	0.450	0.419	6.9	89	0.00
20		Methylcyclohexane	0.560	0.497	11.3	86	0.00
21	T	2,2-Dichloropropane	0.528	0.506	4.2	94	0.00
22	RT	cis-1,2-Dichloroethene	0.339	0.341	-0.6	97	0.00
23	t	Diethyl Ether	0.221	0.192	13.1	82	0.00
24	t	tert-Butyl Alcohol	0.038	0.014	63.2#	38	-0.01
25	t	Methyl tert-Butyl Ether	0.790	0.735	7.0	89	0.00
26	t	Bromochloromethane	0.143	0.117	18.2	80	0.00
27	t	Chloroform	0.603	0.570	5.5	93	0.00
28	RT	1,1,1-Trichloroethane	0.531	0.497	6.4	91	0.00
29	T	1,1-Dichloropropene	0.446	0.380	14.8	82	0.00
30	RT	Carbon Tetrachloride	0.421	0.396	5.9	89	0.00
31	t	Isopropyl Ether	0.933	0.903	3.2	94	0.00
32		Ethyl-t-butyl ether	0.899	0.000	100.0#	0#	-4.48#
33		Tert-Amyl methyl ether	0.783	0.000	100.0#	0#	-5.92#
34	t	Propionitrile	0.024	0.045	-87.5#	166	0.00
35	RT	Benzene	1.257	1.131	10.0	88	0.00
36	RT	1,2-Dichloroethane	0.404	0.359	11.1	85	0.00
37	RT	Trichloroethene	0.358	0.299	16.5	86	0.00
38	Rt	1,2-Dichloropropane	0.352	0.299	15.1	83	0.00
39	t	Methacrylonitrile	0.122	0.099	18.9	85	0.00
40	t	Methyl acrylate	0.177	0.139	21.5	81	0.00
41	t	Tetrahydrofuran	0.055	0.120	-118.2#	199	0.00
42	t	1-Chlorobutane	0.598	0.587	1.8	91	0.00
43	T	Dibromomethane	0.182	0.160	12.1	83	0.00
44	T	Bromodichloromethane	0.445	0.427	4.0	91	0.00
45	T	4-Methyl-2-Pentanone	0.220	0.193	12.3	82	0.00
46	t	t-1,4-Dichloro-2-butene	0.076	0.042	44.7#	51	0.00
47	t	Methyl methacrylate	0.167	0.075	55.1#	40	0.00
48	t	Ethyl methacrylate	0.341	0.317	7.0	84	0.00
49	Rt	Toluene	0.848	0.811	4.4	92	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.387	0.350	9.6	87	0.00
51	T	cis-1,3-Dichloropropene	0.484	0.427	11.8	84	0.00
52	RT	1,1,2-Trichloroethane	0.247	0.222	10.1	85	0.00
53	t	1,3-Dichloropropane	0.442	0.384	13.1	84	0.00
54	t	2-Hexanone	0.185	0.139	24.9	71	0.00
55	t	Dibromochloromethane	0.291	0.275	5.5	88	0.00
56	T	1,2-Dibromoethane	0.236	0.199	15.7	82	0.00
57	S	4-Bromofluorobenzene	0.452	0.469	-3.8	101	0.00
58	RT	Tetrachloroethene	0.351	0.333	5.1	89	0.00
59	Rt	Chlorobenzene	0.920	0.880	4.3	93	0.00
60	T	1,1,1,2-Tetrachloroethane	0.322	0.287	10.9	87	0.00
61	t	Pentachloroethane	0.223	0.218	2.2	96	0.00
62	t	Hexachloroethane	0.245	0.240	2.0	92	0.00
63	Rt	Ethyl Benzene	1.666	1.572	5.6	92	0.00
64	RT	m/p-Xylenes	0.622	0.596	4.2	92	0.00
65	RT	o-Xylene	0.609	0.586	3.8	92	0.00
66	RT	Styrene	0.989	0.974	1.5	93	0.00
67	t	Bromoform	0.157	0.144	8.3	86	0.00
68	S	1,2-Dichlorobenzene-d4	0.406	0.390	3.9	89	0.00
69	T	Isopropylbenzene	1.505	1.585	-5.3	101	0.00
70	T	1,1,2,2-Tetrachloroethane	0.311	0.264	15.1	80	0.00
71	T	1,2,3-Trichloropropane	0.270	0.208	23.0	79	0.00
72	t	Bromobenzene	0.364	0.344	5.5	91	0.00
73	t	n-propylbenzene	0.428	0.416	2.8	92	0.00
74	t	2-Chlorotoluene	0.371	0.357	3.8	93	0.00
75	t	1,3,5-Trimethylbenzene	1.392	1.354	2.7	94	0.00
76	t	4-Chlorotoluene	0.372	0.365	1.9	94	0.00
77	t	tert-Butylbenzene	1.363	1.320	3.2	93	0.00
78	t	1,2,4-Trimethylbenzene	1.336	1.324	0.9	92	0.00
79	t	sec-Butylbenzene	1.793	1.761	1.8	93	0.00
80		Nitrobenzene	0.011	0.004	63.6#	34	0.00
81	t	p-Isopropyltoluene	1.469	1.459	0.7	94	0.00
82	t	1,3-Dichlorobenzene	0.705	0.703	0.3	94	0.00
83	Rt	1,4-Dichlorobenzene	0.700	0.684	2.3	93	0.00
84	t	n-Butylbenzene	1.316	1.383	-5.1	96	0.00
85	Rt	1,2-Dichlorobenzene	0.667	0.642	3.7	92	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.052	0.045	13.5	77	0.00
87	Rt	1,2,4-Trichlorobenzene	0.411	0.438	-6.6	96	0.00
88	t	Hexachlorobutadiene	0.245	0.238	2.9	91	0.00
89	t	Naphthalene	0.790	0.803	-1.6	93	0.00
90	t	1,2,3-Trichlorobenzene	0.375	0.381	-1.6	91	0.00

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