Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091525\
Data File : VU063571.D
Acq On : 15 Sep 2025 08:48
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 16 04:54:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sat Sep 13 03:31:19 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	0.330	0.323	2.1	99	0.00
3	t	Chloromethane	0.323	0.299	7.4	96	0.00
4	Rt	Vinyl Chloride	0.350	0.344	1.7	99	0.00
5	T	Bromomethane	0.216	0.188	13.0	96	0.00
6	T	Chloroethane	0.225	0.215	4.4	99	0.00
7	T	Trichlorofluoromethane	0.514	0.501	2.5	97	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.288	0.274	4.9	99	0.00
9	Rt	1,1-Dichloroethene	0.261	0.250	4.2	97	0.00
10	t	Iodomethane	0.375	0.362	3.5	94	0.00
11	t	Allyl Chloride	0.433	0.442	-2.1	101	0.00
12	t	Acrylonitrile	0.079	0.078	1.3	100	0.00
13	T	Acetone	0.112	0.128	-14.3	142	0.00
14	T	Carbon Disulfide	0.544	0.582	-7.0	106	0.00
15	RT	Methylene Chloride	0.344	0.307	10.8	98	0.00
16	RT	trans-1,2-Dichloroethene	0.278	0.277	0.4	102	0.00
17	t	1,1-Dichloroethane	0.636	0.626	1.6	101	0.00
18	T	2-Butanone	0.127	0.142	-11.8	122	0.00
19		Cyclohexane	0.509	0.455	10.6	90	0.00
20		Methylcyclohexane	0.467	0.465	0.4	98	0.00
21	T	2,2-Dichloropropane	0.470	0.485	-3.2	104	0.00
22	RT	cis-1,2-Dichloroethene	0.341	0.334	2.1	99	0.00
23	t	Diethyl Ether	0.231	0.223	3.5	99	0.00
24	t	tert-Butyl Alcohol	0.031	0.028	9.7	99	0.00
25	t	Methyl tert-Butyl Ether	0.778	0.761	2.2	99	0.00
26	t	Bromochloromethane	0.138	0.136	1.4	100	0.00
27	t	Chloroform	0.637	0.613	3.8	99	0.00
28	RT	1,1,1-Trichloroethane	0.489	0.496	-1.4	101	0.00
29	T	1,1-Dichloropropene	0.455	0.445	2.2	102	0.00
30	RT	Carbon Tetrachloride	0.360	0.388	-7.8	103	0.00
31	t	Isopropyl Ether	1.066	1.035	2.9	100	0.00
32		Ethyl-t-butyl ether	0.911	0.882	3.2	101	0.00
33		Tert-Amyl methyl ether	0.776	0.761	1.9	102	0.00
34	t	Propionitrile	0.030	0.029	3.3	100	0.00
35	RT	Benzene	1.309	1.263	3.5	98	0.00
36	RT	1,2-Dichloroethane	0.442	0.426	3.6	99	0.00
37	RT	Trichloroethene	0.326	0.317	2.8	100	0.00
38	Rt	1,2-Dichloropropane	0.347	0.344	0.9	93	0.00
39	t	Methacrylonitrile	0.140	0.129	7.9	102	0.00
40	t	Methyl acrylate	0.193	0.177	8.3	97	0.00
41	t	Tetrahydrofuran	0.073	0.066	9.6	100	0.00
42	t	1-Chlorobutane	0.637	0.640	-0.5	102	0.00
43	T	Dibromomethane	0.166	0.169	-1.8	102	0.00
44	T	Bromodichloromethane	0.355	0.382	-7.6	102	0.00
45	T	4-Methyl-2-Pentanone	0.208	0.215	-3.4	102	0.00
46	t	t-1,4-Dichloro-2-butene	0.078	0.050	35.9#	61	0.00
47	t	Methyl methacrylate	0.149	0.149	0.0	99	0.00
48	t	Ethyl methacrylate	0.276	0.290	-5.1	100	0.00
49	Rt	Toluene	0.710	0.728	-2.5	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.266	0.302	-13.5	108	0.00
51	T	cis-1,3-Dichloropropene	0.354	0.390	-10.2	102	0.00
52	RT	1,1,2-Trichloroethane	0.235	0.241	-2.6	100	0.00
53	t	1,3-Dichloropropane	0.409	0.410	-0.2	100	0.00
54	t	2-Hexanone	0.152	0.176	-15.8	118	0.00
55	t	Dibromochloromethane	0.228	0.257	-12.7	106	0.00
56	T	1,2-Dibromoethane	0.203	0.203	0.0	99	0.00
57	S	4-Bromofluorobenzene	0.373	0.476	-27.6	126	0.00
58	RT	Tetrachloroethene	0.321	0.329	-2.5	103	0.00
59	Rt	Chlorobenzene	0.818	0.834	-2.0	99	0.00
60	T	1,1,1,2-Tetrachloroethane	0.267	0.288	-7.9	102	0.00
61	t	Pentachloroethane	0.192	0.199	-3.6	99	0.00
62	t	Hexachloroethane	0.167	0.193	-15.6	105	0.00
63	Rt	Ethyl Benzene	1.397	1.446	-3.5	98	0.00
64	RT	m/p-Xylenes	0.537	0.556	-3.5	98	0.00
65	RT	o-Xylene	0.537	0.554	-3.2	99	0.00
66	RT	Styrene	0.858	0.911	-6.2	98	0.00
67	t	Bromoform	0.114	0.134	-17.5	106	0.00
68	S	1,2-Dichlorobenzene-d4	0.380	0.394	-3.7	97	0.00
69	T	Isopropylbenzene	1.305	1.354	-3.8	98	0.00
70	T	1,1,2,2-Tetrachloroethane	0.300	0.301	-0.3	98	0.00
71	T	1,2,3-Trichloropropane	0.222	0.224	-0.9	102	0.00
72	t	Bromobenzene	0.338	0.348	-3.0	100	0.00
73	t	n-propylbenzene	0.377	0.403	-6.9	97	0.00
74	t	2-Chlorotoluene	0.341	0.349	-2.3	97	0.00
75	t	1,3,5-Trimethylbenzene	1.220	1.283	-5.2	98	0.00
76	t	4-Chlorotoluene	0.357	0.358	-0.3	97	0.00
77	t	tert-Butylbenzene	1.180	1.244	-5.4	100	0.00
78	t	1,2,4-Trimethylbenzene	1.188	1.285	-8.2	99	0.00
79	t	sec-Butylbenzene	1.598	1.677	-4.9	98	0.00
80		Nitrobenzene	0.004	0.005	-25.0	99	0.00
81	t	p-Isopropyltoluene	1.286	1.389	-8.0	98	0.00
82	t	1,3-Dichlorobenzene	0.681	0.700	-2.8	98	0.00
83	Rt	1,4-Dichlorobenzene	0.700	0.705	-0.7	99	0.00
84	t	n-Butylbenzene	1.205	1.278	-6.1	96	0.00
85	Rt	1,2-Dichlorobenzene	0.657	0.665	-1.2	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.039	0.045	-15.4	107	0.00
87	Rt	1,2,4-Trichlorobenzene	0.398	0.409	-2.8	96	0.00
88	t	Hexachlorobutadiene	0.248	0.262	-5.6	100	0.00
89	t	Naphthalene	0.703	0.670	4.7	90	0.00
90	t	1,2,3-Trichlorobenzene	0.378	0.383	-1.3	95	0.00

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