Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
Data File : VU063519.D
Acq On : 17 Jul 2025 09:25
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jul 18 04:09:20 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	108	0.00
2	T	Dichlorodifluoromethane	0.295	0.284	3.7	103	0.00
3	t	Chloromethane	0.274	0.271	1.1	109	0.00
4	Rt	Vinyl Chloride	0.349	0.339	2.9	103	0.00
5	T	Bromomethane	0.263	0.242	8.0	107	0.00
6	T	Chloroethane	0.211	0.206	2.4	104	0.00
7	T	Trichlorofluoromethane	0.501	0.484	3.4	102	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.262	0.259	1.1	105	0.00
9	Rt	1,1-Dichloroethene	0.260	0.255	1.9	104	0.00
10	t	Iodomethane	0.314	0.350	-11.5	102	0.00
11	t	Allyl Chloride	0.375	0.371	1.1	105	0.00
12	t	Acrylonitrile	0.065	0.063	3.1	107	0.00
13	T	Acetone	0.052	0.080	-53.8#	172	0.00
14	T	Carbon Disulfide	0.839	0.805	4.1	101	0.00
15	RT	Methylene Chloride	0.306	0.286	6.5	105	0.00
16	RT	trans-1,2-Dichloroethene	0.295	0.282	4.4	102	0.00
17	t	1,1-Dichloroethane	0.546	0.536	1.8	105	0.00
18	T	2-Butanone	0.081	0.100	-23.5	135	0.00
19		Cyclohexane	0.463	0.437	5.6	102	0.00
20		Methylcyclohexane	0.450	0.467	-3.8	103	0.00
21	T	2,2-Dichloropropane	0.465	0.456	1.9	108	0.00
22	RT	cis-1,2-Dichloroethene	0.320	0.312	2.5	105	0.00
23	t	Diethyl Ether	0.198	0.199	-0.5	104	0.00
24	t	tert-Butyl Alcohol	0.024	0.023	4.2	104	0.00
25	t	Methyl tert-Butyl Ether	0.678	0.681	-0.4	106	0.00
26	t	Bromochloromethane	0.134	0.135	-0.7	106	0.00
27	t	Chloroform	0.558	0.543	2.7	107	0.00
28	RT	1,1,1-Trichloroethane	0.473	0.466	1.5	104	0.00
29	T	1,1-Dichloropropene	0.438	0.425	3.0	106	0.00
30	RT	Carbon Tetrachloride	0.381	0.388	-1.8	107	0.00
31	t	Isopropyl Ether	0.825	0.805	2.4	104	0.00
32		Ethyl-t-butyl ether	0.763	0.744	2.5	104	0.00
33		Tert-Amyl methyl ether	0.663	0.661	0.3	107	0.00
34	t	Propionitrile	0.025	0.023	8.0	108	0.00
35	RT	Benzene	1.178	1.188	-0.8	107	0.00
36	RT	1,2-Dichloroethane	0.366	0.368	-0.5	105	0.00
37	RT	Trichloroethene	0.301	0.318	-5.6	106	0.00
38	Rt	1,2-Dichloropropane	0.276	0.308	-11.6	105	0.00
39	t	Methacrylonitrile	0.109	0.101	7.3	107	0.00
40	t	Methyl acrylate	0.159	0.149	6.3	95	0.00
41	t	Tetrahydrofuran	0.057	0.051	10.5	106	0.00
42	t	1-Chlorobutane	0.583	0.580	0.5	106	0.00
43	T	Dibromomethane	0.143	0.144	-0.7	101	0.00
44	T	Bromodichloromethane	0.322	0.324	-0.6	107	0.00
45	T	4-Methyl-2-Pentanone	0.147	0.154	-4.8	109	0.00
46	t	t-1,4-Dichloro-2-butene	0.055	0.052	5.5	90	0.00
47	t	Methyl methacrylate	0.120	0.125	-4.2	106	0.00
48	t	Ethyl methacrylate	0.229	0.249	-8.7	106	0.00
49	Rt	Toluene	0.643	0.653	-1.6	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.253	0.278	-9.9	105	0.00
51	T	cis-1,3-Dichloropropene	0.339	0.359	-5.9	107	0.00
52	RT	1,1,2-Trichloroethane	0.192	0.199	-3.6	106	0.00
53	t	1,3-Dichloropropane	0.332	0.333	-0.3	105	0.00
54	t	2-Hexanone	0.098	0.118	-20.4	124	0.00
55	t	Dibromochloromethane	0.203	0.229	-12.8	106	0.00
56	T	1,2-Dibromoethane	0.172	0.178	-3.5	107	0.00
57	S	4-Bromofluorobenzene	0.379	0.365	3.7	107	0.00
58	RT	Tetrachloroethene	0.275	0.267	2.9	101	0.00
59	Rt	Chlorobenzene	0.739	0.758	-2.6	106	0.00
60	T	1,1,1,2-Tetrachloroethane	0.238	0.246	-3.4	104	0.00
61	t	Pentachloroethane	0.168	0.181	-7.7	105	0.00
62	t	Hexachloroethane	0.166	0.183	-10.2	103	0.00
63	Rt	Ethyl Benzene	1.271	1.290	-1.5	106	0.00
64	RT	m/p-Xylenes	0.494	0.510	-3.2	106	0.00
65	RT	o-Xylene	0.475	0.499	-5.1	107	0.00
66	RT	Styrene	0.757	0.817	-7.9	107	0.00
67	t	Bromoform	0.104	0.116	-11.5	106	0.00
68	S	1,2-Dichlorobenzene-d4	0.350	0.339	3.1	102	0.00
69	T	Isopropylbenzene	1.148	1.207	-5.1	106	0.00
70	T	1,1,2,2-Tetrachloroethane	0.234	0.245	-4.7	109	0.00
71	T	1,2,3-Trichloropropane	0.190	0.195	-2.6	101	0.00
72	t	Bromobenzene	0.296	0.311	-5.1	108	0.00
73	t	n-propylbenzene	0.346	0.365	-5.5	105	0.00
74	t	2-Chlorotoluene	0.305	0.319	-4.6	107	0.00
75	t	1,3,5-Trimethylbenzene	1.097	1.162	-5.9	106	0.00
76	t	4-Chlorotoluene	0.310	0.333	-7.4	109	0.00
77	t	tert-Butylbenzene	1.048	1.102	-5.2	106	0.00
78	t	1,2,4-Trimethylbenzene	1.088	1.163	-6.9	106	0.00
79	t	sec-Butylbenzene	1.413	1.483	-5.0	105	0.00
80		Nitrobenzene	0.004	0.005	-25.0	102	0.00
81	t	p-Isopropyltoluene	1.180	1.264	-7.1	107	0.00
82	t	1,3-Dichlorobenzene	0.593	0.622	-4.9	107	0.00
83	Rt	1,4-Dichlorobenzene	0.593	0.625	-5.4	106	0.00
84	t	n-Butylbenzene	1.094	1.206	-10.2	107	0.00
85	Rt	1,2-Dichlorobenzene	0.557	0.586	-5.2	106	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.033	0.040	-21.2	109	0.00
87	Rt	1,2,4-Trichlorobenzene	0.346	0.381	-10.1	107	0.00
88	t	Hexachlorobutadiene	0.197	0.206	-4.6	105	0.00
89	t	Naphthalene	0.621	0.687	-10.6	109	0.00
90	t	1,2,3-Trichlorobenzene	0.320	0.357	-11.6	109	0.00

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