Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062325\
Data File : VU063428.D
Acq On : 23 Jun 2025 17:06
Operator : MD/SY
Sample : VSTDICV010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU062325

Quant Time: Jun 24 05:15:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jun 24 05:06:50 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	103	0.00
2	T	Dichlorodifluoromethane	0.384	0.258	32.8#	68	0.00
3	t	Chloromethane	0.506	0.400	20.9	85	0.00
4	Rt	Vinyl Chloride	0.433	0.335	22.6	78	0.00
5	T	Bromomethane	0.208	0.168	19.2	87	0.00
6	T	Chloroethane	0.257	0.192	25.3	76	0.00
7	T	Trichlorofluoromethane	0.494	0.428	13.4	88	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.263	0.248	5.7	96	0.00
9	Rt	1,1-Dichloroethene	0.263	0.262	0.4	101	0.00
10	t	Iodomethane	0.212	0.265	-25.0	111	0.00
11	t	Allyl Chloride	0.468	0.467	0.2	101	0.00
12	t	Acrylonitrile	0.076	0.201	-164.5#	275#	0.00
13	T	Acetone	0.076	0.051	32.9#	75	0.00
14	T	Carbon Disulfide	0.916	0.906	1.1	101	0.00
15	RT	Methylene Chloride	0.333	0.298	10.5	94	0.00
16	RT	trans-1,2-Dichloroethene	0.295	0.303	-2.7	105	0.00
17	t	1,1-Dichloroethane	0.620	0.647	-4.4	106	0.00
18	T	2-Butanone	0.106	0.097	8.5	95	0.00
19		Cyclohexane	0.469	0.510	-8.7	109	0.00
20		Methylcyclohexane	0.436	0.509	-16.7	105	0.00
21	T	2,2-Dichloropropane	0.441	0.443	-0.5	104	0.00
22	RT	cis-1,2-Dichloroethene	0.322	0.350	-8.7	113	0.00
23	t	Diethyl Ether	0.237	0.195	17.7	82	0.00
24	t	tert-Butyl Alcohol	0.025	0.011	56.0#	45	0.00
25	t	Methyl tert-Butyl Ether	0.714	0.768	-7.6	107	0.00
26	t	Bromochloromethane	0.126	0.131	-4.0	106	0.00
27	t	Chloroform	0.582	0.618	-6.2	109	0.00
28	RT	1,1,1-Trichloroethane	0.472	0.500	-5.9	104	0.00
29	T	1,1-Dichloropropene	0.431	0.431	0.0	99	0.00
30	RT	Carbon Tetrachloride	0.377	0.407	-8.0	105	0.00
31	t	Isopropyl Ether	0.969	1.036	-6.9	107	0.00
32		Ethyl-t-butyl ether	0.821	0.000	100.0#	0#	-4.50#
33		Tert-Amyl methyl ether	0.588	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.031	0.062	-100.0#	220#	0.00
35	RT	Benzene	1.303	1.405	-7.8	105	0.00
36	RT	1,2-Dichloroethane	0.381	0.370	2.9	96	0.00
37	RT	Trichloroethene	0.308	0.306	0.6	98	0.00
38	Rt	1,2-Dichloropropane	0.360	0.374	-3.9	100	0.00
39	t	Methacrylonitrile	0.127	0.107	15.7	86	0.00
40	t	Methyl acrylate	0.179	0.193	-7.8	98	0.00
41	t	Tetrahydrofuran	0.069	0.146	-111.6#	230#	0.00
42	t	1-Chlorobutane	0.611	0.636	-4.1	103	0.00
43	T	Dibromomethane	0.168	0.174	-3.6	103	0.00
44	T	Bromodichloromethane	0.410	0.442	-7.8	108	0.00
45	T	4-Methyl-2-Pentanone	0.180	0.199	-10.6	100	0.00
46	t	t-1,4-Dichloro-2-butene	0.059	0.033	44.1#	59	0.00
47	t	Methyl methacrylate	0.130	0.075	42.3#	48	0.00
48	t	Ethyl methacrylate	0.233	0.285	-22.3	103	0.00
49	Rt	Toluene	0.715	0.844	-18.0	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.295	0.350	-18.6	106	0.00
51	T	cis-1,3-Dichloropropene	0.397	0.448	-12.8	103	0.00
52	RT	1,1,2-Trichloroethane	0.246	0.243	1.2	98	0.00
53	t	1,3-Dichloropropane	0.423	0.430	-1.7	99	0.00
54	t	2-Hexanone	0.121	0.132	-9.1	98	0.00
55	t	Dibromochloromethane	0.254	0.279	-9.8	106	0.00
56	T	1,2-Dibromoethane	0.199	0.202	-1.5	102	0.00
57	S	4-Bromofluorobenzene	0.367	0.402	-9.5	98	0.00
58	RT	Tetrachloroethene	0.302	0.317	-5.0	101	0.00
59	Rt	Chlorobenzene	0.766	0.874	-14.1	108	0.00
60	T	1,1,1,2-Tetrachloroethane	0.276	0.275	0.4	98	0.00
61	t	Pentachloroethane	0.225	0.235	-4.4	107	0.00
62	t	Hexachloroethane	0.202	0.219	-8.4	106	0.00
63	Rt	Ethyl Benzene	1.228	1.524	-24.1	108	0.00
64	RT	m/p-Xylenes	0.479	0.618	-29.0	109	0.00
65	RT	o-Xylene	0.466	0.571	-22.5	108	0.00
66	RT	Styrene	0.759	0.972	-28.1	107	0.00
67	t	Bromoform	0.139	0.148	-6.5	103	0.00
68	S	1,2-Dichlorobenzene-d4	0.369	0.358	3.0	93	0.00
69	T	Isopropylbenzene	1.081	1.512	-39.9#	122	0.00
70	T	1,1,2,2-Tetrachloroethane	0.314	0.304	3.2	97	0.00
71	T	1,2,3-Trichloropropane	0.257	0.218	15.2	95	0.00
72	t	Bromobenzene	0.303	0.340	-12.2	105	0.00
73	t	n-propylbenzene	0.328	0.409	-24.7	108	0.00
74	t	2-Chlorotoluene	0.300	0.358	-19.3	107	0.00
75	t	1,3,5-Trimethylbenzene	1.051	1.365	-29.9	108	0.00
76	t	4-Chlorotoluene	0.314	0.392	-24.8	113	0.00
77	t	tert-Butylbenzene	0.993	1.191	-19.9	106	0.00
78	t	1,2,4-Trimethylbenzene	1.058	1.359	-28.4	107	0.00
79	t	sec-Butylbenzene	1.406	1.718	-22.2	107	0.00
80		Nitrobenzene	0.014	0.003	78.6#	21	0.00
81	t	p-Isopropyltoluene	1.099	1.419	-29.1	108	0.00
82	t	1,3-Dichlorobenzene	0.628	0.716	-14.0	109	0.00
83	Rt	1,4-Dichlorobenzene	0.652	0.740	-13.5	109	0.00
84	t	n-Butylbenzene	1.151	1.422	-23.5	108	0.00
85	Rt	1,2-Dichlorobenzene	0.601	0.675	-12.3	106	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.043	0.045	-4.7	97	0.00
87	Rt	1,2,4-Trichlorobenzene	0.335	0.428	-27.8	118	0.00
88	t	Hexachlorobutadiene	0.238	0.250	-5.0	102	0.00
89	t	Naphthalene	0.558	0.726	-30.1#	112	0.00
90	t	1,2,3-Trichlorobenzene	0.333	0.381	-14.4	105	0.00

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