Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062525\
Data File : VU063449.D
Acq On : 25 Jun 2025 08:50
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jun 26 01:24:07 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	101	0.00
2	T	Dichlorodifluoromethane	0.384	0.390	-1.6	100	0.00
3	t	Chloromethane	0.506	0.394	22.1	81	0.00
4	Rt	Vinyl Chloride	0.433	0.371	14.3	84	0.00
5	T	Bromomethane	0.208	0.233	-12.0	117	0.00
6	T	Chloroethane	0.257	0.250	2.7	96	0.00
7	T	Trichlorofluoromethane	0.494	0.517	-4.7	104	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.263	0.273	-3.8	103	0.00
9	Rt	1,1-Dichloroethene	0.263	0.276	-4.9	103	0.00
10	t	Iodomethane	0.212	0.308	-45.3#	125	0.00
11	t	Allyl Chloride	0.468	0.436	6.8	91	0.00
12	t	Acrylonitrile	0.076	0.070	7.9	94	0.00
13	T	Acetone	0.076	0.067	11.8	95	0.00
14	T	Carbon Disulfide	0.916	0.893	2.5	97	0.00
15	RT	Methylene Chloride	0.333	0.323	3.0	99	0.00
16	RT	trans-1,2-Dichloroethene	0.295	0.295	0.0	99	0.00
17	t	1,1-Dichloroethane	0.620	0.604	2.6	96	0.00
18	T	2-Butanone	0.106	0.094	11.3	89	0.00
19		Cyclohexane	0.469	0.491	-4.7	102	0.00
20		Methylcyclohexane	0.436	0.501	-14.9	101	0.00
21	T	2,2-Dichloropropane	0.441	0.447	-1.4	102	0.00
22	RT	cis-1,2-Dichloroethene	0.322	0.327	-1.6	103	0.00
23	t	Diethyl Ether	0.237	0.232	2.1	96	0.00
24	t	tert-Butyl Alcohol	0.025	0.022	12.0	85	0.00
25	t	Methyl tert-Butyl Ether	0.714	0.703	1.5	96	0.00
26	t	Bromochloromethane	0.126	0.132	-4.8	104	0.00
27	t	Chloroform	0.582	0.576	1.0	99	0.00
28	RT	1,1,1-Trichloroethane	0.472	0.482	-2.1	98	0.00
29	T	1,1-Dichloropropene	0.431	0.435	-0.9	97	0.00
30	RT	Carbon Tetrachloride	0.377	0.394	-4.5	99	0.00
31	t	Isopropyl Ether	0.969	0.890	8.2	89	0.00
32		Ethyl-t-butyl ether	0.821	0.791	3.7	94	0.00
33		Tert-Amyl methyl ether	0.588	0.649	-10.4	102	0.00
34	t	Propionitrile	0.031	0.026	16.1	90	0.00
35	RT	Benzene	1.303	1.399	-7.4	102	0.00
36	RT	1,2-Dichloroethane	0.381	0.385	-1.0	97	0.00
37	RT	Trichloroethene	0.308	0.321	-4.2	101	0.00
38	Rt	1,2-Dichloropropane	0.360	0.394	-9.4	102	0.00
39	t	Methacrylonitrile	0.127	0.107	15.7	84	0.00
40	t	Methyl acrylate	0.179	0.177	1.1	88	0.00
41	t	Tetrahydrofuran	0.069	0.053	23.2	81	0.00
42	t	1-Chlorobutane	0.611	0.607	0.7	96	0.00
43	T	Dibromomethane	0.168	0.176	-4.8	101	0.00
44	T	Bromodichloromethane	0.410	0.427	-4.1	102	0.00
45	T	4-Methyl-2-Pentanone	0.180	0.190	-5.6	93	0.00
46	t	t-1,4-Dichloro-2-butene	0.059	0.051	13.6	89	0.00
47	t	Methyl methacrylate	0.130	0.159	-22.3	100	0.00
48	t	Ethyl methacrylate	0.233	0.281	-20.6	99	0.00
49	Rt	Toluene	0.715	0.831	-16.2	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.295	0.355	-20.3	104	0.00
51	T	cis-1,3-Dichloropropene	0.397	0.456	-14.9	102	0.00
52	RT	1,1,2-Trichloroethane	0.246	0.256	-4.1	101	0.00
53	t	1,3-Dichloropropane	0.423	0.449	-6.1	100	0.00
54	t	2-Hexanone	0.121	0.135	-11.6	97	0.00
55	t	Dibromochloromethane	0.254	0.272	-7.1	100	0.00
56	T	1,2-Dibromoethane	0.199	0.206	-3.5	101	0.00
57	S	4-Bromofluorobenzene	0.367	0.441	-20.2	105	0.00
58	RT	Tetrachloroethene	0.302	0.313	-3.6	97	0.00
59	Rt	Chlorobenzene	0.766	0.838	-9.4	100	0.00
60	T	1,1,1,2-Tetrachloroethane	0.276	0.293	-6.2	102	0.00
61	t	Pentachloroethane	0.225	0.229	-1.8	102	0.00
62	t	Hexachloroethane	0.202	0.217	-7.4	103	0.00
63	Rt	Ethyl Benzene	1.228	1.478	-20.4	102	0.00
64	RT	m/p-Xylenes	0.479	0.588	-22.8	101	0.00
65	RT	o-Xylene	0.466	0.549	-17.8	101	0.00
66	RT	Styrene	0.759	0.965	-27.1	103	0.00
67	t	Bromoform	0.139	0.145	-4.3	98	0.00
68	S	1,2-Dichlorobenzene-d4	0.369	0.349	5.4	88	0.00
69	T	Isopropylbenzene	1.081	1.289	-19.2	101	0.00
70	T	1,1,2,2-Tetrachloroethane	0.314	0.322	-2.5	100	0.00
71	T	1,2,3-Trichloropropane	0.257	0.252	1.9	106	0.00
72	t	Bromobenzene	0.303	0.329	-8.6	99	0.00
73	t	n-propylbenzene	0.328	0.391	-19.2	101	0.00
74	t	2-Chlorotoluene	0.300	0.350	-16.7	101	0.00
75	t	1,3,5-Trimethylbenzene	1.051	1.312	-24.8	101	0.00
76	t	4-Chlorotoluene	0.314	0.368	-17.2	104	0.00
77	t	tert-Butylbenzene	0.993	1.158	-16.6	100	0.00
78	t	1,2,4-Trimethylbenzene	1.058	1.313	-24.1	101	0.00
79	t	sec-Butylbenzene	1.406	1.658	-17.9	101	0.00
80		Nitrobenzene	0.014	0.012	14.3	87	0.00
81	t	p-Isopropyltoluene	1.099	1.370	-24.7	101	0.00
82	t	1,3-Dichlorobenzene	0.628	0.675	-7.5	100	0.00
83	Rt	1,4-Dichlorobenzene	0.652	0.703	-7.8	101	0.00
84	t	n-Butylbenzene	1.151	1.346	-16.9	99	0.00
85	Rt	1,2-Dichlorobenzene	0.601	0.651	-8.3	100	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.043	0.046	-7.0	97	0.00
87	Rt	1,2,4-Trichlorobenzene	0.335	0.346	-3.3	93	0.00
88	t	Hexachlorobutadiene	0.238	0.243	-2.1	97	0.00
89	t	Naphthalene	0.558	0.562	-0.7	84	0.00
90	t	1,2,3-Trichlorobenzene	0.333	0.346	-3.9	93	0.00

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