Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
Data File : VU063438.D
Acq On : 24 Jun 2025 14:52
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jun 25 06:26:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jun 25 03:53:43 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	0.384	0.393	-2.3	103	0.00
3	t	Chloromethane	0.506	0.434	14.2	91	0.00
4	Rt	Vinyl Chloride	0.433	0.377	12.9	87	0.00
5	T	Bromomethane	0.208	0.220	-5.8	112	0.00
6	T	Chloroethane	0.257	0.260	-1.2	102	0.00
7	T	Trichlorofluoromethane	0.494	0.519	-5.1	105	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.263	0.273	-3.8	104	0.00
9	Rt	1,1-Dichloroethene	0.263	0.276	-4.9	105	0.00
10	t	Iodomethane	0.212	0.271	-27.8	112	0.00
11	t	Allyl Chloride	0.468	0.479	-2.4	102	0.00
12	t	Acrylonitrile	0.076	0.074	2.6	100	0.00
13	T	Acetone	0.076	0.097	-27.6	140	0.00
14	T	Carbon Disulfide	0.916	0.925	-1.0	102	0.00
15	RT	Methylene Chloride	0.333	0.326	2.1	102	0.00
16	RT	trans-1,2-Dichloroethene	0.295	0.307	-4.1	105	0.00
17	t	1,1-Dichloroethane	0.620	0.638	-2.9	103	0.00
18	T	2-Butanone	0.106	0.122	-15.1	117	0.00
19		Cyclohexane	0.469	0.539	-14.9	113	0.00
20		Methylcyclohexane	0.436	0.486	-11.5	99	0.00
21	T	2,2-Dichloropropane	0.441	0.468	-6.1	108	0.00
22	RT	cis-1,2-Dichloroethene	0.322	0.329	-2.2	105	0.00
23	t	Diethyl Ether	0.237	0.249	-5.1	104	0.00
24	t	tert-Butyl Alcohol	0.025	0.026	-4.0	101	0.00
25	t	Methyl tert-Butyl Ether	0.714	0.749	-4.9	103	0.00
26	t	Bromochloromethane	0.126	0.129	-2.4	103	0.00
27	t	Chloroform	0.582	0.595	-2.2	104	0.00
28	RT	1,1,1-Trichloroethane	0.472	0.494	-4.7	102	0.00
29	T	1,1-Dichloropropene	0.431	0.471	-9.3	106	0.00
30	RT	Carbon Tetrachloride	0.377	0.403	-6.9	102	0.00
31	t	Isopropyl Ether	0.969	0.992	-2.4	101	0.00
32		Ethyl-t-butyl ether	0.821	0.849	-3.4	102	0.00
33		Tert-Amyl methyl ether	0.588	0.655	-11.4	104	0.00
34	t	Propionitrile	0.031	0.031	0.0	107	0.00
35	RT	Benzene	1.303	1.402	-7.6	104	0.00
36	RT	1,2-Dichloroethane	0.381	0.389	-2.1	100	0.00
37	RT	Trichloroethene	0.308	0.323	-4.9	103	0.00
38	Rt	1,2-Dichloropropane	0.360	0.400	-11.1	106	0.00
39	t	Methacrylonitrile	0.127	0.119	6.3	94	0.00
40	t	Methyl acrylate	0.179	0.181	-1.1	91	0.00
41	t	Tetrahydrofuran	0.069	0.062	10.1	97	0.00
42	t	1-Chlorobutane	0.611	0.636	-4.1	101	0.00
43	T	Dibromomethane	0.168	0.176	-4.8	103	0.00
44	T	Bromodichloromethane	0.410	0.430	-4.9	104	0.00
45	T	4-Methyl-2-Pentanone	0.180	0.204	-13.3	101	0.00
46	t	t-1,4-Dichloro-2-butene	0.059	0.054	8.5	96	0.00
47	t	Methyl methacrylate	0.130	0.160	-23.1	103	0.00
48	t	Ethyl methacrylate	0.233	0.292	-25.3	104	0.00
49	Rt	Toluene	0.715	0.847	-18.5	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.295	0.359	-21.7	107	0.00
51	T	cis-1,3-Dichloropropene	0.397	0.465	-17.1	105	0.00
52	RT	1,1,2-Trichloroethane	0.246	0.261	-6.1	104	0.00
53	t	1,3-Dichloropropane	0.423	0.462	-9.2	105	0.00
54	t	2-Hexanone	0.121	0.156	-28.9	114	0.00
55	t	Dibromochloromethane	0.254	0.277	-9.1	104	0.00
56	T	1,2-Dibromoethane	0.199	0.215	-8.0	107	0.00
57	S	4-Bromofluorobenzene	0.367	0.415	-13.1	100	0.00
58	RT	Tetrachloroethene	0.302	0.313	-3.6	99	0.00
59	Rt	Chlorobenzene	0.766	0.856	-11.7	104	0.00
60	T	1,1,1,2-Tetrachloroethane	0.276	0.292	-5.8	103	0.00
61	t	Pentachloroethane	0.225	0.235	-4.4	106	0.00
62	t	Hexachloroethane	0.202	0.221	-9.4	106	0.00
63	Rt	Ethyl Benzene	1.228	1.507	-22.7	106	0.00
64	RT	m/p-Xylenes	0.479	0.606	-26.5	106	0.00
65	RT	o-Xylene	0.466	0.565	-21.2	106	0.00
66	RT	Styrene	0.759	0.974	-28.3	106	0.00
67	t	Bromoform	0.139	0.147	-5.8	101	0.00
68	S	1,2-Dichlorobenzene-d4	0.369	0.355	3.8	91	0.00
69	T	Isopropylbenzene	1.081	1.308	-21.0	104	0.00
70	T	1,1,2,2-Tetrachloroethane	0.314	0.328	-4.5	104	0.00
71	T	1,2,3-Trichloropropane	0.257	0.249	3.1	107	0.00
72	t	Bromobenzene	0.303	0.338	-11.6	103	0.00
73	t	n-propylbenzene	0.328	0.403	-22.9	105	0.00
74	t	2-Chlorotoluene	0.300	0.354	-18.0	104	0.00
75	t	1,3,5-Trimethylbenzene	1.051	1.352	-28.6	106	0.00
76	t	4-Chlorotoluene	0.314	0.363	-15.6	104	0.00
77	t	tert-Butylbenzene	0.993	1.190	-19.8	105	0.00
78	t	1,2,4-Trimethylbenzene	1.058	1.370	-29.5	107	0.00
79	t	sec-Butylbenzene	1.406	1.711	-21.7	105	0.00
80		Nitrobenzene	0.014	0.014	0.0	99	0.00
81	t	p-Isopropyltoluene	1.099	1.399	-27.3	105	0.00
82	t	1,3-Dichlorobenzene	0.628	0.693	-10.4	104	0.00
83	Rt	1,4-Dichlorobenzene	0.652	0.716	-9.8	104	0.00
84	t	n-Butylbenzene	1.151	1.399	-21.5	105	0.00
85	Rt	1,2-Dichlorobenzene	0.601	0.667	-11.0	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.043	0.048	-11.6	103	0.00
87	Rt	1,2,4-Trichlorobenzene	0.335	0.374	-11.6	102	0.00
88	t	Hexachlorobutadiene	0.238	0.258	-8.4	104	0.00
89	t	Naphthalene	0.558	0.643	-15.2	98	0.00
90	t	1,2,3-Trichlorobenzene	0.333	0.376	-12.9	102	0.00

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