Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
Data File : VU063225.D
Acq On : 10 Feb 2025 16:45
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU021025

Quant Time: Feb 11 04:20:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 11 04:17:17 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	95	0.00
2	T	Dichlorodifluoromethane	0.325	0.224	31.1#	70	0.00
3	t	Chloromethane	0.374	0.290	22.5	78	0.00
4	Rt	Vinyl Chloride	0.370	0.317	14.3	82	0.00
5	T	Bromomethane	0.181	0.101	44.2#	50	-0.02
6	T	Chloroethane	0.233	0.204	12.4	87	-0.03
7	T	Trichlorofluoromethane	0.439	0.403	8.2	90	-0.02
8		1,1,2-Trichloro-1,2,2-trifl	0.249	0.260	-4.4	107	0.00
9	Rt	1,1-Dichloroethene	0.254	0.262	-3.1	100	0.00
10	t	Iodomethane	0.399	0.374	6.3	87	0.00
11	t	Allyl Chloride	0.364	0.401	-10.2	104	0.00
12	t	Acrylonitrile	0.059	0.152	-157.6#	221#	0.00
13	T	Acetone	0.045	0.043	4.4	85	0.00
14	T	Carbon Disulfide	0.887	0.770	13.2	85	0.00
15	RT	Methylene Chloride	0.313	0.302	3.5	94	0.00
16	RT	trans-1,2-Dichloroethene	0.290	0.282	2.8	93	0.00
17	t	1,1-Dichloroethane	0.546	0.551	-0.9	97	0.00
18	T	2-Butanone	0.072	0.072	0.0	87	0.00
19		Cyclohexane	0.439	0.453	-3.2	95	0.00
20		Methylcyclohexane	0.435	0.482	-10.8	102	0.00
21	T	2,2-Dichloropropane	0.426	0.452	-6.1	102	0.00
22	RT	cis-1,2-Dichloroethene	0.313	0.339	-8.3	102	0.00
23	t	Diethyl Ether	0.218	0.206	5.5	90	0.00
24	t	tert-Butyl Alcohol	0.026	0.012	53.8#	48	0.03
25	t	Methyl tert-Butyl Ether	0.634	0.675	-6.5	95	0.00
26	t	Bromochloromethane	0.137	0.126	8.0	87	0.00
27	t	Chloroform	0.551	0.556	-0.9	96	0.00
28	RT	1,1,1-Trichloroethane	0.446	0.458	-2.7	98	0.00
29	T	1,1-Dichloropropene	0.400	0.381	4.8	89	0.00
30	RT	Carbon Tetrachloride	0.383	0.385	-0.5	97	0.00
31	t	Isopropyl Ether	0.779	0.910	-16.8	106	0.00
32		Ethyl-t-butyl ether	0.709	0.000	100.0#	0#	-4.48#
33		Tert-Amyl methyl ether	0.619	0.000	100.0#	0#	-5.93#
34	t	Propionitrile	0.022	0.048	-118.2#	185	0.00
35	RT	Benzene	1.229	1.239	-0.8	95	0.00
36	RT	1,2-Dichloroethane	0.355	0.330	7.0	88	0.00
37	RT	Trichloroethene	0.292	0.276	5.5	90	0.00
38	Rt	1,2-Dichloropropane	0.322	0.311	3.4	90	0.00
39	t	Methacrylonitrile	0.080	0.093	-16.2	90	0.00
40	t	Methyl acrylate	0.148	0.158	-6.8	90	0.00
41	t	Tetrahydrofuran	0.047	0.121	-157.4#	224#	0.00
42	t	1-Chlorobutane	0.547	0.580	-6.0	97	0.00
43	T	Dibromomethane	0.163	0.160	1.8	93	0.00
44	T	Bromodichloromethane	0.379	0.412	-8.7	100	0.00
45	T	4-Methyl-2-Pentanone	0.171	0.190	-11.1	91	0.00
46	t	t-1,4-Dichloro-2-butene	0.080	0.049	38.8#	55	0.00
47	t	Methyl methacrylate	0.137	0.074	46.0#	44	0.00
48	t	Ethyl methacrylate	0.258	0.304	-17.8	92	0.00
49	Rt	Toluene	0.707	0.759	-7.4	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.347	0.379	-9.2	94	0.00
51	T	cis-1,3-Dichloropropene	0.429	0.442	-3.0	91	0.00
52	RT	1,1,2-Trichloroethane	0.220	0.217	1.4	90	0.00
53	t	1,3-Dichloropropane	0.390	0.379	2.8	89	0.00
54	t	2-Hexanone	0.117	0.135	-15.4	94	0.00
55	t	Dibromochloromethane	0.253	0.264	-4.3	93	0.00
56	T	1,2-Dibromoethane	0.206	0.204	1.0	88	0.00
57	S	4-Bromofluorobenzene	0.330	0.425	-28.8	112	0.00
58	RT	Tetrachloroethene	0.241	0.247	-2.5	100	0.00
59	Rt	Chlorobenzene	0.746	0.796	-6.7	98	0.00
60	T	1,1,1,2-Tetrachloroethane	0.268	0.266	0.7	92	0.00
61	t	Pentachloroethane	0.239	0.267	-11.7	105	0.00
62	t	Hexachloroethane	0.212	0.247	-16.5	105	0.00
63	Rt	Ethyl Benzene	1.286	1.452	-12.9	98	0.00
64	RT	m/p-Xylenes	0.480	0.558	-16.3	99	0.00
65	RT	o-Xylene	0.470	0.539	-14.7	99	0.00
66	RT	Styrene	0.748	0.912	-21.9	101	0.00
67	t	Bromoform	0.143	0.160	-11.9	97	0.00
68	S	1,2-Dichlorobenzene-d4	0.343	0.383	-11.7	105	0.00
69	T	Isopropylbenzene	1.106	1.420	-28.4	111	0.00
70	T	1,1,2,2-Tetrachloroethane	0.296	0.310	-4.7	95	0.00
71	T	1,2,3-Trichloropropane	0.222	0.219	1.4	102	0.00
72	t	Bromobenzene	0.298	0.336	-12.8	101	0.00
73	t	n-propylbenzene	0.317	0.384	-21.1	103	0.00
74	t	2-Chlorotoluene	0.292	0.350	-19.9	105	0.00
75	t	1,3,5-Trimethylbenzene	1.024	1.251	-22.2	103	0.00
76	t	4-Chlorotoluene	0.299	0.356	-19.1	105	0.00
77	t	tert-Butylbenzene	1.036	1.249	-20.6	106	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.273	-25.3	104	0.00
79	t	sec-Butylbenzene	1.319	1.631	-23.7	107	0.00
80		Nitrobenzene	0.007	0.002	71.4#	21	0.00
81	t	p-Isopropyltoluene	1.041	1.352	-29.9	110	0.00
82	t	1,3-Dichlorobenzene	0.578	0.688	-19.0	109	0.00
83	Rt	1,4-Dichlorobenzene	0.565	0.688	-21.8	108	0.00
84	t	n-Butylbenzene	0.933	1.291	-38.4#	117	0.00
85	Rt	1,2-Dichlorobenzene	0.555	0.660	-18.9	109	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.042	0.046	-9.5	90	0.00
87	Rt	1,2,4-Trichlorobenzene	0.271	0.380	-40.2#	117	0.00
88	t	Hexachlorobutadiene	0.194	0.225	-16.0	117	0.00
89	t	Naphthalene	0.436	0.626	-43.6#	107	0.00
90	t	1,2,3-Trichlorobenzene	0.265	0.321	-21.1	101	0.00

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