Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101923\
Data File : VU055808.D
Acq On : 19 Oct 2023 09:30
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 20 01:36:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101823DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 19 03:10:04 2023
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	83	0.00
2	T	Dichlorodifluoromethane	0.388	0.357	8.0	69	0.00
3	t	Chloromethane	0.332	0.259	22.0	60	0.00
4	Rt	Vinyl Chloride	0.340	0.265	22.1	59	0.00
5	T	Bromomethane	0.187	0.165	11.8	66	0.00
6	T	Chloroethane	0.165	0.134	18.8	60	0.00
7	T	Trichlorofluoromethane	0.449	0.402	10.5	68	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.299	0.281	6.0	71	0.00
9	Rt	1,1-Dichloroethene	0.279	0.260	6.8	70	0.00
10	t	Iodomethane	0.416	0.417	-0.2	71	0.00
11	t	Allyl Chloride	0.363	0.335	7.7	68	0.00
12	t	Acrylonitrile	0.052	0.051	1.9	70	0.00
13	T	Acetone	0.112	0.088	21.4	60	0.00
14	T	Carbon Disulfide	0.910	0.852	6.4	70	0.00
15	RT	Methylene Chloride	0.329	0.297	9.7	72	0.00
16	RT	trans-1,2-Dichloroethene	0.296	0.287	3.0	71	0.00
17	t	1,1-Dichloroethane	0.550	0.519	5.6	71	0.00
18	T	2-Butanone	0.120	0.101	15.8	60	0.00
19		Cyclohexane	0.469	0.467	0.4	69	0.00
20		Methylcyclohexane	0.487	0.501	-2.9	69	0.00
21	T	2,2-Dichloropropane	0.463	0.442	4.5	72	0.00
22	RT	cis-1,2-Dichloroethene	0.315	0.306	2.9	70	0.00
23	t	Diethyl Ether	0.167	0.131	21.6	60	0.00
24	t	tert-Butyl Alcohol	0.017	0.015	11.8	69	0.01
25	t	Methyl tert-Butyl Ether	0.600	0.595	0.8	71	0.00
26	t	Bromochloromethane	0.134	0.129	3.7	72	0.00
27	t	Chloroform	0.564	0.538	4.6	72	0.00
28	RT	1,1,1-Trichloroethane	0.506	0.493	2.6	73	0.00
29	T	1,1-Dichloropropene	0.400	0.398	0.5	71	0.00
30	RT	Carbon Tetrachloride	0.441	0.431	2.3	73	0.00
31	t	Isopropyl Ether	0.739	0.718	2.8	69	0.00
32		Ethyl-t-butyl ether	0.713	0.708	0.7	70	0.00
33		Tert-Amyl methyl ether	0.611	0.609	0.3	70	0.00
34	t	Propionitrile	0.019	0.019	0.0	71	0.00
35	RT	Benzene	1.213	1.169	3.6	71	0.00
36	RT	1,2-Dichloroethane	0.329	0.311	5.5	71	0.00
37	RT	Trichloroethene	0.316	0.300	5.1	71	0.00
38	Rt	1,2-Dichloropropane	0.317	0.299	5.7	71	0.00
39	t	Methacrylonitrile	0.071	0.071	0.0	69	0.00
40	t	Methyl acrylate	0.114	0.110	3.5	57	0.00
41	t	Tetrahydrofuran	0.040	0.037	7.5	70	0.00
42	t	1-Chlorobutane	0.534	0.527	1.3	71	0.00
43	T	Dibromomethane	0.151	0.141	6.6	72	0.00
44	T	Bromodichloromethane	0.398	0.383	3.8	72	0.00
45	T	4-Methyl-2-Pentanone	0.156	0.142	9.0	65	0.00
46	t	t-1,4-Dichloro-2-butene	0.062	0.071	-14.5	92	0.00
47	t	Methyl methacrylate	0.124	0.128	-3.2	70	0.00
48	t	Ethyl methacrylate	0.236	0.242	-2.5	69	0.00
49	Rt	Toluene	0.718	0.724	-0.8	71	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.352	0.346	1.7	71	0.00
51	T	cis-1,3-Dichloropropene	0.431	0.420	2.6	70	0.00
52	RT	1,1,2-Trichloroethane	0.215	0.200	7.0	73	0.00
53	t	1,3-Dichloropropane	0.368	0.347	5.7	72	0.00
54	t	2-Hexanone	0.174	0.142	18.4	57	0.00
55	t	Dibromochloromethane	0.260	0.250	3.8	73	0.00
56	T	1,2-Dibromoethane	0.197	0.187	5.1	71	0.00
57	S	4-Bromofluorobenzene	0.394	0.489	-24.1	103	0.00
58	RT	Tetrachloroethene	0.328	0.305	7.0	74	0.00
59	Rt	Chlorobenzene	0.793	0.769	3.0	72	0.00
60	T	1,1,1,2-Tetrachloroethane	0.283	0.271	4.2	73	0.00
61	t	Pentachloroethane	0.191	0.190	0.5	73	0.00
62	t	Hexachloroethane	0.202	0.215	-6.4	71	0.00
63	Rt	Ethyl Benzene	1.346	1.386	-3.0	71	0.00
64	RT	m/p-Xylenes	0.517	0.539	-4.3	72	0.00
65	RT	o-Xylene	0.508	0.516	-1.6	72	0.00
66	RT	Styrene	0.794	0.837	-5.4	71	0.00
67	t	Bromoform	0.139	0.137	1.4	73	0.00
68	S	1,2-Dichlorobenzene-d4	0.366	0.372	-1.6	81	0.00
69	T	Isopropylbenzene	1.307	1.358	-3.9	71	0.00
70	T	1,1,2,2-Tetrachloroethane	0.252	0.236	6.3	71	0.00
71	T	1,2,3-Trichloropropane	0.208	0.181	13.0	66	0.00
72	t	Bromobenzene	0.312	0.301	3.5	71	0.00
73	t	n-propylbenzene	0.337	0.365	-8.3	70	0.00
74	t	2-Chlorotoluene	0.313	0.315	-0.6	72	0.00
75	t	1,3,5-Trimethylbenzene	1.117	1.231	-10.2	73	0.00
76	t	4-Chlorotoluene	0.319	0.329	-3.1	72	0.00
77	t	tert-Butylbenzene	1.024	1.093	-6.7	71	0.00
78	t	1,2,4-Trimethylbenzene	1.106	1.208	-9.2	70	0.00
79	t	sec-Butylbenzene	1.293	1.423	-10.1	69	0.00
80		Nitrobenzene	0.007	0.007	0.0	62	0.00
81	t	p-Isopropyltoluene	1.041	1.154	-10.9	67	0.00
82	t	1,3-Dichlorobenzene	0.636	0.629	1.1	71	0.00
83	Rt	1,4-Dichlorobenzene	0.616	0.624	-1.3	72	0.00
84	t	n-Butylbenzene	0.888	0.926	-4.3	63	0.00
85	Rt	1,2-Dichlorobenzene	0.582	0.580	0.3	71	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.036	0.037	-2.8	67	0.00
87	Rt	1,2,4-Trichlorobenzene	0.316	0.333	-5.4	66	0.00
88	t	Hexachlorobutadiene	0.219	0.233	-6.4	71	0.00
89	t	Naphthalene	0.459	0.497	-8.3	66	0.00
90	t	1,2,3-Trichlorobenzene	0.271	0.302	-11.4	70	0.00

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