Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101823\
Data File : VU055806.D
Acq On : 18 Oct 2023 18:19
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 19 03:42:24 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	94	0.00
2	T	Dichlorodifluoromethane	0.388	0.369	4.9	81	0.00
3	t	Chloromethane	0.332	0.332	0.0	87	0.00
4	Rt	Vinyl Chloride	0.340	0.340	0.0	87	0.00
5	T	Bromomethane	0.187	0.189	-1.1	86	0.00
6	T	Chloroethane	0.165	0.168	-1.8	85	0.00
7	T	Trichlorofluoromethane	0.449	0.443	1.3	85	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.299	0.285	4.7	81	0.00
9	Rt	1,1-Dichloroethene	0.279	0.268	3.9	82	0.00
10	t	Iodomethane	0.416	0.424	-1.9	82	0.00
11	t	Allyl Chloride	0.363	0.354	2.5	81	0.00
12	t	Acrylonitrile	0.052	0.055	-5.8	85	0.00
13	T	Acetone	0.112	0.092	17.9	71	0.00
14	T	Carbon Disulfide	0.910	0.867	4.7	81	0.00
15	RT	Methylene Chloride	0.329	0.322	2.1	88	0.00
16	RT	trans-1,2-Dichloroethene	0.296	0.293	1.0	83	0.00
17	t	1,1-Dichloroethane	0.550	0.536	2.5	83	0.00
18	T	2-Butanone	0.120	0.104	13.3	70	0.00
19		Cyclohexane	0.469	0.480	-2.3	81	0.00
20		Methylcyclohexane	0.487	0.505	-3.7	79	0.00
21	T	2,2-Dichloropropane	0.463	0.429	7.3	79	0.00
22	RT	cis-1,2-Dichloroethene	0.315	0.309	1.9	80	0.00
23	t	Diethyl Ether	0.167	0.173	-3.6	89	0.00
24	t	tert-Butyl Alcohol	0.017	0.018	-5.9	93	0.03
25	t	Methyl tert-Butyl Ether	0.600	0.623	-3.8	84	0.00
26	t	Bromochloromethane	0.134	0.130	3.0	83	0.00
27	t	Chloroform	0.564	0.544	3.5	83	0.00
28	RT	1,1,1-Trichloroethane	0.506	0.495	2.2	83	0.00
29	T	1,1-Dichloropropene	0.400	0.400	0.0	82	0.00
30	RT	Carbon Tetrachloride	0.441	0.432	2.0	83	0.00
31	t	Isopropyl Ether	0.739	0.765	-3.5	83	0.00
32		Ethyl-t-butyl ether	0.713	0.739	-3.6	83	0.00
33		Tert-Amyl methyl ether	0.611	0.621	-1.6	81	0.00
34	t	Propionitrile	0.019	0.021	-10.5	90	0.00
35	RT	Benzene	1.213	1.166	3.9	81	0.00
36	RT	1,2-Dichloroethane	0.329	0.317	3.6	83	0.00
37	RT	Trichloroethene	0.316	0.309	2.2	83	0.00
38	Rt	1,2-Dichloropropane	0.317	0.317	0.0	85	0.00
39	t	Methacrylonitrile	0.071	0.076	-7.0	85	0.00
40	t	Methyl acrylate	0.114	0.132	-15.8	78	0.00
41	t	Tetrahydrofuran	0.040	0.039	2.5	84	0.00
42	t	1-Chlorobutane	0.534	0.545	-2.1	83	0.00
43	T	Dibromomethane	0.151	0.148	2.0	86	0.00
44	T	Bromodichloromethane	0.398	0.389	2.3	83	0.00
45	T	4-Methyl-2-Pentanone	0.156	0.157	-0.6	81	0.00
46	t	t-1,4-Dichloro-2-butene	0.062	0.071	-14.5	104	0.00
47	t	Methyl methacrylate	0.124	0.136	-9.7	84	0.00
48	t	Ethyl methacrylate	0.236	0.256	-8.5	83	0.00
49	Rt	Toluene	0.718	0.742	-3.3	83	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.352	0.358	-1.7	84	0.00
51	T	cis-1,3-Dichloropropene	0.431	0.433	-0.5	82	0.00
52	RT	1,1,2-Trichloroethane	0.215	0.209	2.8	86	0.00
53	t	1,3-Dichloropropane	0.368	0.364	1.1	86	0.00
54	t	2-Hexanone	0.174	0.152	12.6	69	0.00
55	t	Dibromochloromethane	0.260	0.252	3.1	84	0.00
56	T	1,2-Dibromoethane	0.197	0.197	0.0	86	0.00
57	S	4-Bromofluorobenzene	0.394	0.379	3.8	91	0.00
58	RT	Tetrachloroethene	0.328	0.308	6.1	84	0.00
59	Rt	Chlorobenzene	0.793	0.794	-0.1	85	0.00
60	T	1,1,1,2-Tetrachloroethane	0.283	0.280	1.1	85	0.00
61	t	Pentachloroethane	0.191	0.178	6.8	78	0.00
62	t	Hexachloroethane	0.202	0.207	-2.5	77	0.00
63	Rt	Ethyl Benzene	1.346	1.420	-5.5	83	0.00
64	RT	m/p-Xylenes	0.517	0.545	-5.4	83	0.00
65	RT	o-Xylene	0.508	0.499	1.8	79	0.00
66	RT	Styrene	0.794	0.818	-3.0	79	0.00
67	t	Bromoform	0.139	0.135	2.9	81	0.00
68	S	1,2-Dichlorobenzene-d4	0.366	0.366	0.0	90	0.00
69	T	Isopropylbenzene	1.307	1.324	-1.3	79	0.00
70	T	1,1,2,2-Tetrachloroethane	0.252	0.244	3.2	83	0.00
71	T	1,2,3-Trichloropropane	0.208	0.163	21.6	68	0.00
72	t	Bromobenzene	0.312	0.296	5.1	80	0.00
73	t	n-propylbenzene	0.337	0.367	-8.9	80	0.00
74	t	2-Chlorotoluene	0.313	0.312	0.3	81	0.00
75	t	1,3,5-Trimethylbenzene	1.117	1.184	-6.0	80	0.00
76	t	4-Chlorotoluene	0.319	0.319	0.0	79	0.00
77	t	tert-Butylbenzene	1.024	1.077	-5.2	79	0.00
78	t	1,2,4-Trimethylbenzene	1.106	1.185	-7.1	78	0.00
79	t	sec-Butylbenzene	1.293	1.417	-9.6	78	0.00
80		Nitrobenzene	0.007	0.008	-14.3	81	0.00
81	t	p-Isopropyltoluene	1.041	1.151	-10.6	76	0.00
82	t	1,3-Dichlorobenzene	0.636	0.623	2.0	80	0.00
83	Rt	1,4-Dichlorobenzene	0.616	0.619	-0.5	81	0.00
84	t	n-Butylbenzene	0.888	0.960	-8.1	74	0.00
85	Rt	1,2-Dichlorobenzene	0.582	0.577	0.9	81	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.036	0.040	-11.1	83	0.00
87	Rt	1,2,4-Trichlorobenzene	0.316	0.341	-7.9	77	0.00
88	t	Hexachlorobutadiene	0.219	0.215	1.8	74	0.00
89	t	Naphthalene	0.459	0.502	-9.4	75	0.00
90	t	1,2,3-Trichlorobenzene	0.271	0.296	-9.2	78	0.00

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