Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
Data File : VU053794.D
Acq On : 19 Apr 2023 21:44
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Apr 21 10:13:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 21 09:18:21 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	97	0.00
2	T	Dichlorodifluoromethane	0.303	0.283	6.6	88	0.00
3	t	Chloromethane	0.273	0.259	5.1	96	0.00
4	Rt	Vinyl Chloride	0.316	0.310	1.9	93	0.00
5	T	Bromomethane	0.237	0.206	13.1	94	0.00
6	T	Chloroethane	0.202	0.192	5.0	91	0.00
7	T	Trichlorofluoromethane	0.530	0.515	2.8	92	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.345	0.334	3.2	90	0.00
9	Rt	1,1-Dichloroethene	0.283	0.267	5.7	91	0.00
10	t	Iodomethane	0.308	0.347	-12.7	96	0.00
11	t	Allyl Chloride	0.336	0.322	4.2	93	0.00
12	t	Acrylonitrile	0.071	0.069	2.8	94	0.00
13	T	Acetone	0.099	0.104	-5.1	87	0.00
14	T	Carbon Disulfide	0.464	0.429	7.5	89	0.00
15	RT	Methylene Chloride	0.414	0.406	1.9	101	0.00
16	RT	trans-1,2-Dichloroethene	0.306	0.289	5.6	90	0.00
17	t	1,1-Dichloroethane	0.630	0.547	13.2	83	0.00
18	T	2-Butanone	0.128	0.111	13.3	75	0.00
19		Cyclohexane	0.436	0.321	26.4	71	0.00
20		Methylcyclohexane	0.391	0.385	1.5	89	0.00
21	T	2,2-Dichloropropane	0.573	0.441	23.0	73	0.00
22	RT	cis-1,2-Dichloroethene	0.382	0.315	17.5	81	0.00
23	t	Diethyl Ether	0.208	0.207	0.5	92	0.00
24	t	tert-Butyl Alcohol	0.028	0.033	-17.9	107	0.00
25	t	Methyl tert-Butyl Ether	0.788	0.783	0.6	94	0.00
26	t	Bromochloromethane	0.169	0.142	16.0	81	0.00
27	t	Chloroform	0.681	0.586	14.0	83	0.00
28	RT	1,1,1-Trichloroethane	0.564	0.498	11.7	83	0.00
29	T	1,1-Dichloropropene	0.359	0.343	4.5	91	0.00
30	RT	Carbon Tetrachloride	0.404	0.411	-1.7	95	0.00
31	t	Isopropyl Ether	0.911	0.724	20.5	77	0.00
32		Ethyl-t-butyl ether	0.922	0.735	20.3	76	0.00
33		Tert-Amyl methyl ether	0.674	0.694	-3.0	95	0.00
34	t	Propionitrile	0.029	0.022	24.1	80	0.00
35	RT	Benzene	1.106	1.123	-1.5	95	0.00
36	RT	1,2-Dichloroethane	0.347	0.338	2.6	93	0.00
37	RT	Trichloroethene	0.314	0.319	-1.6	93	0.00
38	Rt	1,2-Dichloropropane	0.315	0.326	-3.5	96	0.00
39	t	Methacrylonitrile	0.114	0.077	32.5#	73	0.00
40	t	Methyl acrylate	0.188	0.135	28.2	73	0.00
41	t	Tetrahydrofuran	0.057	0.037	35.1#	72	0.00
42	t	1-Chlorobutane	0.490	0.454	7.3	88	0.00
43	T	Dibromomethane	0.160	0.161	-0.6	95	0.00
44	T	Bromodichloromethane	0.402	0.410	-2.0	94	0.00
45	T	4-Methyl-2-Pentanone	0.162	0.167	-3.1	92	0.00
46	t	t-1,4-Dichloro-2-butene	0.067	0.072	-7.5	85	0.00
47	t	Methyl methacrylate	0.140	0.145	-3.6	94	0.00
48	t	Ethyl methacrylate	0.275	0.275	0.0	90	0.00
49	Rt	Toluene	0.697	0.719	-3.2	93	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.362	0.374	-3.3	92	0.00
51	T	cis-1,3-Dichloropropene	0.432	0.438	-1.4	92	0.00
52	RT	1,1,2-Trichloroethane	0.253	0.244	3.6	91	0.00
53	t	1,3-Dichloropropane	0.397	0.404	-1.8	95	0.00
54	t	2-Hexanone	0.152	0.166	-9.2	87	0.00
55	t	Dibromochloromethane	0.266	0.281	-5.6	93	0.00
56	T	1,2-Dibromoethane	0.218	0.223	-2.3	91	0.00
57	S	4-Bromofluorobenzene	0.392	0.422	-7.7	101	0.00
58	RT	Tetrachloroethene	0.304	0.342	-12.5	103	0.00
59	Rt	Chlorobenzene	0.867	0.867	0.0	91	0.00
60	T	1,1,1,2-Tetrachloroethane	0.313	0.327	-4.5	94	0.00
61	t	Pentachloroethane	0.241	0.191	20.7	73	0.00
62	t	Hexachloroethane	0.235	0.251	-6.8	91	0.00
63	Rt	Ethyl Benzene	1.369	1.455	-6.3	92	0.00
64	RT	m/p-Xylenes	0.539	0.580	-7.6	92	0.00
65	RT	o-Xylene	0.544	0.584	-7.4	93	0.00
66	RT	Styrene	0.865	0.940	-8.7	90	0.00
67	t	Bromoform	0.138	0.140	-1.4	88	0.00
68	S	1,2-Dichlorobenzene-d4	0.466	0.473	-1.5	93	0.00
69	T	Isopropylbenzene	1.421	1.530	-7.7	92	0.00
70	T	1,1,2,2-Tetrachloroethane	0.326	0.316	3.1	91	0.00
71	T	1,2,3-Trichloropropane	0.235	0.159	32.3#	69	0.00
72	t	Bromobenzene	0.365	0.368	-0.8	90	0.00
73	t	n-propylbenzene	0.394	0.444	-12.7	92	0.00
74	t	2-Chlorotoluene	0.373	0.385	-3.2	92	0.00
75	t	1,3,5-Trimethylbenzene	1.240	1.374	-10.8	93	0.00
76	t	4-Chlorotoluene	0.380	0.400	-5.3	88	0.00
77	t	tert-Butylbenzene	1.247	1.287	-3.2	88	0.00
78	t	1,2,4-Trimethylbenzene	1.265	1.392	-10.0	89	0.00
79	t	sec-Butylbenzene	1.677	1.807	-7.8	89	0.00
80		Nitrobenzene	0.010	0.010	0.0	84	0.00
81	t	p-Isopropyltoluene	1.374	1.524	-10.9	90	0.00
82	t	1,3-Dichlorobenzene	0.779	0.794	-1.9	90	0.00
83	Rt	1,4-Dichlorobenzene	0.777	0.803	-3.3	89	0.00
84	t	n-Butylbenzene	1.289	1.381	-7.1	86	0.00
85	Rt	1,2-Dichlorobenzene	0.762	0.774	-1.6	88	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.046	0.048	-4.3	88	0.00
87	Rt	1,2,4-Trichlorobenzene	0.504	0.485	3.8	84	0.00
88	t	Hexachlorobutadiene	0.269	0.255	5.2	81	0.00
89	t	Naphthalene	0.883	0.891	-0.9	84	0.00
90	t	1,2,3-Trichlorobenzene	0.479	0.462	3.5	82	0.00

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