Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012423\
Data File : VU052798.D
Acq On : 24 Jan 2023 19:44
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jan 25 01:41:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 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	87	0.00
2	T	Dichlorodifluoromethane	0.338	0.335	0.9	84	0.00
3	t	Chloromethane	0.321	0.270	15.9	76	0.00
4	Rt	Vinyl Chloride	0.310	0.285	8.1	79	0.00
5	T	Bromomethane	0.161	0.152	5.6	78	0.00
6	T	Chloroethane	0.187	0.178	4.8	82	0.00
7	T	Trichlorofluoromethane	0.452	0.465	-2.9	88	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.247	0.243	1.6	85	0.00
9	Rt	1,1-Dichloroethene	0.233	0.226	3.0	83	0.00
10	t	Iodomethane	0.258	0.293	-13.6	87	0.00
11	t	Allyl Chloride	0.279	0.267	4.3	81	0.00
12	t	Acrylonitrile	0.049	0.050	-2.0	82	0.00
13	T	Acetone	0.070	0.055	21.4	73	0.00
14	T	Carbon Disulfide	0.782	0.691	11.6	76	0.00
15	RT	Methylene Chloride	0.282	0.262	7.1	89	0.00
16	RT	trans-1,2-Dichloroethene	0.260	0.245	5.8	82	0.00
17	t	1,1-Dichloroethane	0.438	0.429	2.1	84	0.00
18	T	2-Butanone	0.082	0.070	14.6	76	0.00
19		Cyclohexane	0.386	0.359	7.0	81	0.00
20		Methylcyclohexane	0.430	0.420	2.3	77	0.00
21	T	2,2-Dichloropropane	0.407	0.389	4.4	84	0.00
22	RT	cis-1,2-Dichloroethene	0.271	0.268	1.1	86	0.00
23	t	Diethyl Ether	0.165	0.158	4.2	80	0.00
24	t	tert-Butyl Alcohol	0.020	0.020	0.0	88	-0.03
25	t	Methyl tert-Butyl Ether	0.535	0.547	-2.2	86	0.00
26	t	Bromochloromethane	0.127	0.121	4.7	85	0.00
27	t	Chloroform	0.470	0.472	-0.4	87	0.00
28	RT	1,1,1-Trichloroethane	0.434	0.442	-1.8	87	0.00
29	T	1,1-Dichloropropene	0.366	0.352	3.8	82	0.00
30	RT	Carbon Tetrachloride	0.394	0.401	-1.8	85	0.00
31	t	Isopropyl Ether	0.630	0.595	5.6	82	0.00
32		Ethyl-t-butyl ether	0.588	0.594	-1.0	85	0.00
33		Tert-Amyl methyl ether	0.520	0.526	-1.2	82	0.00
34	t	Propionitrile	0.019	0.019	0.0	87	0.00
35	RT	Benzene	1.062	1.024	3.6	82	0.00
36	RT	1,2-Dichloroethane	0.319	0.325	-1.9	87	0.00
37	RT	Trichloroethene	0.289	0.276	4.5	80	0.00
38	Rt	1,2-Dichloropropane	0.269	0.264	1.9	82	0.00
39	t	Methacrylonitrile	0.075	0.071	5.3	80	0.00
40	t	Methyl acrylate	0.132	0.125	5.3	76	0.00
41	t	Tetrahydrofuran	0.037	0.036	2.7	86	0.00
42	t	1-Chlorobutane	0.468	0.453	3.2	84	0.00
43	T	Dibromomethane	0.136	0.135	0.7	86	0.00
44	T	Bromodichloromethane	0.370	0.364	1.6	85	0.00
45	T	4-Methyl-2-Pentanone	0.143	0.145	-1.4	79	0.00
46	t	t-1,4-Dichloro-2-butene	0.075	0.080	-6.7	91	0.00
47	t	Methyl methacrylate	0.121	0.127	-5.0	80	0.00
48	t	Ethyl methacrylate	0.220	0.222	-0.9	75	0.00
49	Rt	Toluene	0.645	0.659	-2.2	83	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.323	0.317	1.9	79	0.00
51	T	cis-1,3-Dichloropropene	0.379	0.362	4.5	78	0.00
52	RT	1,1,2-Trichloroethane	0.194	0.193	0.5	83	0.00
53	t	1,3-Dichloropropane	0.335	0.329	1.8	81	0.00
54	t	2-Hexanone	0.125	0.112	10.4	71	0.00
55	t	Dibromochloromethane	0.254	0.250	1.6	83	0.00
56	T	1,2-Dibromoethane	0.185	0.182	1.6	83	0.00
57	S	4-Bromofluorobenzene	0.333	0.345	-3.6	85	0.00
58	RT	Tetrachloroethene	0.261	0.260	0.4	84	0.00
59	Rt	Chlorobenzene	0.701	0.702	-0.1	82	0.00
60	T	1,1,1,2-Tetrachloroethane	0.271	0.277	-2.2	86	0.00
61	t	Pentachloroethane	0.222	0.217	2.3	82	0.00
62	t	Hexachloroethane	0.225	0.230	-2.2	83	0.00
63	Rt	Ethyl Benzene	1.136	1.206	-6.2	81	0.00
64	RT	m/p-Xylenes	0.453	0.506	-11.7	83	0.00
65	RT	o-Xylene	0.437	0.468	-7.1	82	0.00
66	RT	Styrene	0.699	0.788	-12.7	83	0.00
67	t	Bromoform	0.150	0.149	0.7	86	0.00
68	S	1,2-Dichlorobenzene-d4	0.342	0.386	-12.9	91	0.00
69	T	Isopropylbenzene	1.112	1.209	-8.7	81	0.00
70	T	1,1,2,2-Tetrachloroethane	0.242	0.245	-1.2	84	0.00
71	T	1,2,3-Trichloropropane	0.209	0.229	-9.6	90	0.00
72	t	Bromobenzene	0.283	0.294	-3.9	85	0.00
73	t	n-propylbenzene	0.309	0.354	-14.6	84	0.00
74	t	2-Chlorotoluene	0.281	0.313	-11.4	86	0.00
75	t	1,3,5-Trimethylbenzene	0.946	1.083	-14.5	84	0.00
76	t	4-Chlorotoluene	0.288	0.324	-12.5	86	0.00
77	t	tert-Butylbenzene	0.967	1.068	-10.4	84	0.00
78	t	1,2,4-Trimethylbenzene	0.954	1.112	-16.6	85	0.00
79	t	sec-Butylbenzene	1.243	1.394	-12.1	83	0.00
80		Nitrobenzene	0.015	0.014	6.7	78	0.00
81	t	p-Isopropyltoluene	1.046	1.225	-17.1	84	0.00
82	t	1,3-Dichlorobenzene	0.577	0.626	-8.5	87	0.00
83	Rt	1,4-Dichlorobenzene	0.579	0.637	-10.0	87	0.00
84	t	n-Butylbenzene	0.913	1.020	-11.7	81	0.00
85	Rt	1,2-Dichlorobenzene	0.544	0.590	-8.5	86	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.045	0.044	2.2	83	0.00
87	Rt	1,2,4-Trichlorobenzene	0.326	0.341	-4.6	79	0.00
88	t	Hexachlorobutadiene	0.229	0.243	-6.1	87	0.00
89	t	Naphthalene	0.633	0.598	5.5	76	0.00
90	t	1,2,3-Trichlorobenzene	0.310	0.343	-10.6	84	0.00

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