Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072121\
Data File : VU044382.D
Acq On : 21 Jul 2021 17:38
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
LabSampleId : VSTDCCC010

Quant Time: Jul 22 05:03:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
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	91	0.00
2	T	Dichlorodifluoromethane	0.349	0.328	6.0	83	0.00
3	t	Chloromethane	0.380	0.357	6.1	84	0.00
4	Rt	Vinyl Chloride	0.383	0.382	0.3	88	0.00
5	T	Bromomethane	0.204	0.199	2.5	86	0.00
6	T	Chloroethane	0.233	0.226	3.0	90	0.00
7	T	Trichlorofluoromethane	0.414	0.440	-6.3	92	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.262	0.274	-4.6	91	0.00
9	Rt	1,1-Dichloroethene	0.255	0.265	-3.9	91	0.00
10	t	Iodomethane	0.334	0.355	-6.3	89	0.00
11	t	Allyl Chloride	0.421	0.435	-3.3	91	0.00
12	t	Acrylonitrile	0.059	0.056	5.1	75	0.00
13	T	Acetone	0.029	0.029	0.0	79	0.00
14	T	Carbon Disulfide	0.845	0.830	1.8	86	0.00
15	RT	Methylene Chloride	0.362	0.320	11.6	92	0.00
16	RT	trans-1,2-Dichloroethene	0.285	0.292	-2.5	91	0.00
17	t	1,1-Dichloroethane	0.530	0.551	-4.0	92	0.00
18	T	2-Butanone	0.063	0.062	1.6	78	0.00
19		Cyclohexane	0.485	0.491	-1.2	90	0.00
20		Methylcyclohexane	0.506	0.497	1.8	84	0.00
21	T	2,2-Dichloropropane	0.435	0.450	-3.4	91	0.00
22	RT	cis-1,2-Dichloroethene	0.311	0.327	-5.1	93	0.00
23	t	Diethyl Ether	0.214	0.226	-5.6	92	0.00
24	t	tert-Butyl Alcohol	0.013	0.014	-7.7	89	0.00
25	t	Methyl tert-Butyl Ether	0.713	0.742	-4.1	91	0.00
26	t	Bromochloromethane	0.132	0.137	-3.8	94	0.00
27	t	Chloroform	0.513	0.535	-4.3	94	0.00
28	RT	1,1,1-Trichloroethane	0.428	0.441	-3.0	91	0.00
29	T	1,1-Dichloropropene	0.407	0.412	-1.2	88	0.00
30	RT	Carbon Tetrachloride	0.357	0.356	0.3	88	0.00
31	t	Isopropyl Ether	0.883	0.927	-5.0	91	0.00
32		Ethyl-t-butyl ether	0.870	0.878	-0.9	88	0.00
33		Tert-Amyl methyl ether	0.774	0.789	-1.9	91	0.00
34	t	Propionitrile	0.018	0.017	5.6	80	0.00
35	RT	Benzene	1.182	1.191	-0.8	89	0.00
36	RT	1,2-Dichloroethane	0.339	0.361	-6.5	96	0.00
37	RT	Trichloroethene	0.297	0.293	1.3	86	0.00
38	Rt	1,2-Dichloropropane	0.313	0.312	0.3	88	0.00
39	t	Methacrylonitrile	0.101	0.106	-5.0	89	0.00
40	t	Methyl acrylate	0.157	0.157	0.0	84	0.00
41	t	Tetrahydrofuran	0.048	0.044	8.3	79	0.00
42	t	1-Chlorobutane	0.575	0.576	-0.2	89	0.00
43	T	Dibromomethane	0.155	0.160	-3.2	90	0.00
44	T	Bromodichloromethane	0.368	0.375	-1.9	89	0.00
45	T	4-Methyl-2-Pentanone	0.211	0.218	-3.3	90	0.00
46	t	t-1,4-Dichloro-2-butene	0.089	0.092	-3.4	84	0.00
47	t	Methyl methacrylate	0.172	0.174	-1.2	89	0.00
48	t	Ethyl methacrylate	0.354	0.353	0.3	87	0.00
49	Rt	Toluene	0.744	0.751	-0.9	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.382	0.382	0.0	84	0.00
51	T	cis-1,3-Dichloropropene	0.451	0.451	0.0	86	0.00
52	RT	1,1,2-Trichloroethane	0.229	0.235	-2.6	91	0.00
53	t	1,3-Dichloropropane	0.420	0.427	-1.7	90	0.00
54	t	2-Hexanone	0.150	0.157	-4.7	90	0.00
55	t	Dibromochloromethane	0.248	0.254	-2.4	88	0.00
56	T	1,2-Dibromoethane	0.224	0.230	-2.7	90	0.00
57	S	4-Bromofluorobenzene	0.404	0.383	5.2	87	0.00
58	RT	Tetrachloroethene	0.252	0.258	-2.4	89	0.00
59	Rt	Chlorobenzene	0.786	0.785	0.1	87	0.00
60	T	1,1,1,2-Tetrachloroethane	0.262	0.264	-0.8	87	0.00
61	t	Pentachloroethane	0.209	0.203	2.9	83	0.00
62	t	Hexachloroethane	0.219	0.220	-0.5	84	0.00
63	Rt	Ethyl Benzene	1.405	1.431	-1.9	87	0.00
64	RT	m/p-Xylenes	0.537	0.543	-1.1	87	0.00
65	RT	o-Xylene	0.518	0.528	-1.9	87	0.00
66	RT	Styrene	0.893	0.917	-2.7	88	0.00
67	t	Bromoform	0.139	0.142	-2.2	85	0.00
68	S	1,2-Dichlorobenzene-d4	0.393	0.385	2.0	88	0.00
69	T	Isopropylbenzene	1.386	1.407	-1.5	87	0.00
70	T	1,1,2,2-Tetrachloroethane	0.302	0.317	-5.0	92	0.00
71	T	1,2,3-Trichloropropane	0.259	0.236	8.9	80	0.00
72	t	Bromobenzene	0.321	0.318	0.9	87	0.00
73	t	n-propylbenzene	0.374	0.379	-1.3	86	0.00
74	t	2-Chlorotoluene	0.321	0.316	1.6	87	0.00
75	t	1,3,5-Trimethylbenzene	1.172	1.200	-2.4	88	0.00
76	t	4-Chlorotoluene	0.333	0.331	0.6	88	0.00
77	t	tert-Butylbenzene	1.149	1.150	-0.1	86	0.00
78	t	1,2,4-Trimethylbenzene	1.189	1.220	-2.6	87	0.00
79	t	sec-Butylbenzene	1.564	1.606	-2.7	88	0.00
80		Nitrobenzene	0.009	0.008	11.1	71	0.00
81	t	p-Isopropyltoluene	1.295	1.334	-3.0	88	0.00
82	t	1,3-Dichlorobenzene	0.638	0.635	0.5	88	0.00
83	Rt	1,4-Dichlorobenzene	0.644	0.642	0.3	88	0.00
84	t	n-Butylbenzene	1.268	1.345	-6.1	88	0.00
85	Rt	1,2-Dichlorobenzene	0.618	0.620	-0.3	88	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.052	0.056	-7.7	88	0.00
87	Rt	1,2,4-Trichlorobenzene	0.437	0.450	-3.0	86	0.00
88	t	Hexachlorobutadiene	0.211	0.210	0.5	85	0.00
89	t	Naphthalene	0.874	0.930	-6.4	87	0.00
90	t	1,2,3-Trichlorobenzene	0.397	0.411	-3.5	87	0.00

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