Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
Data File : VU047841.D
Acq On : 06 Apr 2022 20:44
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Apr 07 06:40:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 07 06:19:08 2022
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	0.356	0.353	0.8	93	0.00
3	t	Chloromethane	0.399	0.378	5.3	92	0.00
4	Rt	Vinyl Chloride	0.353	0.351	0.6	94	0.00
5	T	Bromomethane	0.223	0.205	8.1	85	0.00
6	T	Chloroethane	0.219	0.207	5.5	88	0.00
7	T	Trichlorofluoromethane	0.471	0.452	4.0	90	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.272	0.260	4.4	89	0.00
9	Rt	1,1-Dichloroethene	0.270	0.255	5.6	90	0.00
10	t	Iodomethane	0.186	0.218	-17.2	95	0.00
11	t	Allyl Chloride	0.371	0.348	6.2	90	0.00
12	t	Acrylonitrile	0.068	0.062	8.8	87	0.00
13	T	Acetone	0.054	0.042	22.2	78	0.00
14	T	Carbon Disulfide	0.855	0.779	8.9	88	0.00
15	RT	Methylene Chloride	0.430	0.329	23.5	99	0.00
16	RT	trans-1,2-Dichloroethene	0.296	0.274	7.4	90	0.00
17	t	1,1-Dichloroethane	0.486	0.467	3.9	92	0.00
18	T	2-Butanone	0.072	0.069	4.2	89	0.00
19		Cyclohexane	0.368	0.384	-4.3	93	0.00
20		Methylcyclohexane	0.410	0.425	-3.7	89	0.00
21	T	2,2-Dichloropropane	0.399	0.371	7.0	86	0.00
22	RT	cis-1,2-Dichloroethene	0.305	0.312	-2.3	95	0.00
23	t	Diethyl Ether	0.202	0.198	2.0	93	0.00
24	t	tert-Butyl Alcohol	0.022	0.017	22.7	69	0.00
25	t	Methyl tert-Butyl Ether	0.673	0.637	5.3	90	0.00
26	t	Bromochloromethane	0.152	0.151	0.7	95	0.00
27	t	Chloroform	0.517	0.517	0.0	95	0.00
28	RT	1,1,1-Trichloroethane	0.437	0.435	0.5	93	0.00
29	T	1,1-Dichloropropene	0.369	0.377	-2.2	92	0.00
30	RT	Carbon Tetrachloride	0.380	0.383	-0.8	94	0.00
31	t	Isopropyl Ether	0.673	0.661	1.8	90	0.00
32		Ethyl-t-butyl ether	0.652	0.662	-1.5	92	0.00
33		Tert-Amyl methyl ether	0.590	0.622	-5.4	92	0.00
34	t	Propionitrile	0.023	0.020	13.0	81	0.00
35	RT	Benzene	1.104	1.114	-0.9	94	0.00
36	RT	1,2-Dichloroethane	0.325	0.328	-0.9	94	0.00
37	RT	Trichloroethene	0.320	0.318	0.6	93	0.00
38	Rt	1,2-Dichloropropane	0.281	0.288	-2.5	94	0.00
39	t	Methacrylonitrile	0.083	0.084	-1.2	89	0.00
40	t	Methyl acrylate	0.135	0.140	-3.7	89	0.00
41	t	Tetrahydrofuran	0.047	0.043	8.5	89	0.00
42	t	1-Chlorobutane	0.477	0.496	-4.0	93	0.00
43	T	Dibromomethane	0.161	0.161	0.0	94	0.00
44	T	Bromodichloromethane	0.373	0.378	-1.3	94	0.00
45	T	4-Methyl-2-Pentanone	0.165	0.178	-7.9	94	0.00
46	t	t-1,4-Dichloro-2-butene	0.078	0.078	0.0	91	0.00
47	t	Methyl methacrylate	0.129	0.142	-10.1	94	0.00
48	t	Ethyl methacrylate	0.238	0.263	-10.5	93	0.00
49	Rt	Toluene	0.672	0.721	-7.3	93	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.329	0.341	-3.6	91	0.00
51	T	cis-1,3-Dichloropropene	0.379	0.390	-2.9	91	0.00
52	RT	1,1,2-Trichloroethane	0.228	0.232	-1.8	95	0.00
53	t	1,3-Dichloropropane	0.373	0.380	-1.9	95	0.00
54	t	2-Hexanone	0.119	0.127	-6.7	94	0.00
55	t	Dibromochloromethane	0.272	0.278	-2.2	94	0.00
56	T	1,2-Dibromoethane	0.218	0.222	-1.8	93	0.00
57	S	4-Bromofluorobenzene	0.362	0.377	-4.1	93	0.00
58	RT	Tetrachloroethene	0.287	0.289	-0.7	93	0.00
59	Rt	Chlorobenzene	0.791	0.801	-1.3	92	0.00
60	T	1,1,1,2-Tetrachloroethane	0.281	0.291	-3.6	94	0.00
61	t	Pentachloroethane	0.234	0.235	-0.4	93	0.00
62	t	Hexachloroethane	0.213	0.223	-4.7	94	0.00
63	Rt	Ethyl Benzene	1.219	1.330	-9.1	92	0.00
64	RT	m/p-Xylenes	0.485	0.544	-12.2	94	0.00
65	RT	o-Xylene	0.464	0.513	-10.6	94	0.00
66	RT	Styrene	0.785	0.889	-13.2	92	0.00
67	t	Bromoform	0.173	0.179	-3.5	94	0.00
68	S	1,2-Dichlorobenzene-d4	0.436	0.455	-4.4	96	0.00
69	T	Isopropylbenzene	1.214	1.340	-10.4	92	0.00
70	T	1,1,2,2-Tetrachloroethane	0.294	0.299	-1.7	94	0.00
71	T	1,2,3-Trichloropropane	0.224	0.234	-4.5	105	0.00
72	t	Bromobenzene	0.364	0.375	-3.0	93	0.00
73	t	n-propylbenzene	0.347	0.389	-12.1	92	0.00
74	t	2-Chlorotoluene	0.328	0.351	-7.0	93	0.00
75	t	1,3,5-Trimethylbenzene	1.030	1.160	-12.6	92	0.00
76	t	4-Chlorotoluene	0.346	0.374	-8.1	93	0.00
77	t	tert-Butylbenzene	1.045	1.150	-10.0	92	0.00
78	t	1,2,4-Trimethylbenzene	1.056	1.192	-12.9	93	0.00
79	t	sec-Butylbenzene	1.367	1.505	-10.1	91	0.00
80		Nitrobenzene	0.011	0.011	0.0	93	0.00
81	t	p-Isopropyltoluene	1.144	1.283	-12.2	90	0.00
82	t	1,3-Dichlorobenzene	0.731	0.737	-0.8	92	0.00
83	Rt	1,4-Dichlorobenzene	0.732	0.739	-1.0	92	0.00
84	t	n-Butylbenzene	1.091	1.177	-7.9	89	0.00
85	Rt	1,2-Dichlorobenzene	0.694	0.715	-3.0	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.047	0.046	2.1	89	0.00
87	Rt	1,2,4-Trichlorobenzene	0.505	0.508	-0.6	88	0.00
88	t	Hexachlorobutadiene	0.299	0.300	-0.3	89	0.00
89	t	Naphthalene	0.793	0.850	-7.2	89	0.00
90	t	1,2,3-Trichlorobenzene	0.468	0.489	-4.5	92	0.00

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