Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022322\
Data File : VU047251.D
Acq On : 23 Feb 2022 15:34
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 24 06:00:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 15 03:17:28 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	92	0.00
2	T	Dichlorodifluoromethane	0.333	0.314	5.7	81	0.00
3	t	Chloromethane	0.342	0.395	-15.5	100	0.00
4	Rt	Vinyl Chloride	0.338	0.320	5.3	82	0.00
5	T	Bromomethane	0.221	0.143	35.3#	61	0.00
6	T	Chloroethane	0.194	0.202	-4.1	91	0.00
7	T	Trichlorofluoromethane	0.398	0.413	-3.8	90	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.230	0.239	-3.9	90	0.00
9	Rt	1,1-Dichloroethene	0.236	0.236	0.0	89	0.00
10	t	Iodomethane	0.223	0.206	7.6	70	0.00
11	t	Allyl Chloride	0.368	0.333	9.5	79	0.00
12	t	Acrylonitrile	0.069	0.060	13.0	88	0.00
13	T	Acetone	0.040	0.048	-20.0	119	0.01
14	T	Carbon Disulfide	0.800	0.754	5.8	82	0.00
15	RT	Methylene Chloride	0.265	0.314	-18.5	106	0.00
16	RT	trans-1,2-Dichloroethene	0.249	0.255	-2.4	89	0.00
17	t	1,1-Dichloroethane	0.457	0.431	5.7	82	0.00
18	T	2-Butanone	0.070	0.071	-1.4	94	0.00
19		Cyclohexane	0.423	0.384	9.2	79	0.00
20		Methylcyclohexane	0.467	0.437	6.4	81	0.00
21	T	2,2-Dichloropropane	0.408	0.396	2.9	83	0.00
22	RT	cis-1,2-Dichloroethene	0.287	0.278	3.1	86	0.00
23	t	Diethyl Ether	0.191	0.183	4.2	84	0.00
24	t	tert-Butyl Alcohol	0.012	0.024	-100.0#	172	0.05
25	t	Methyl tert-Butyl Ether	0.663	0.621	6.3	83	0.00
26	t	Bromochloromethane	0.129	0.126	2.3	84	0.00
27	t	Chloroform	0.464	0.449	3.2	87	0.00
28	RT	1,1,1-Trichloroethane	0.402	0.398	1.0	86	0.00
29	T	1,1-Dichloropropene	0.368	0.354	3.8	84	0.00
30	RT	Carbon Tetrachloride	0.353	0.344	2.5	84	0.00
31	t	Isopropyl Ether	0.731	0.679	7.1	80	0.00
32		Ethyl-t-butyl ether	0.743	0.687	7.5	80	0.00
33		Tert-Amyl methyl ether	0.684	0.612	10.5	78	0.00
34	t	Propionitrile	0.019	0.023	-21.1	112	0.01
35	RT	Benzene	1.030	0.998	3.1	83	0.00
36	RT	1,2-Dichloroethane	0.312	0.295	5.4	81	0.00
37	RT	Trichloroethene	0.285	0.283	0.7	86	0.00
38	Rt	1,2-Dichloropropane	0.273	0.258	5.5	82	0.00
39	t	Methacrylonitrile	0.094	0.086	8.5	83	0.00
40	t	Methyl acrylate	0.159	0.152	4.4	87	0.00
41	t	Tetrahydrofuran	0.048	0.045	6.3	96	0.00
42	t	1-Chlorobutane	0.494	0.467	5.5	82	0.00
43	T	Dibromomethane	0.147	0.140	4.8	82	0.00
44	T	Bromodichloromethane	0.348	0.334	4.0	82	0.00
45	T	4-Methyl-2-Pentanone	0.199	0.167	16.1	71	0.00
46	t	t-1,4-Dichloro-2-butene	0.087	0.089	-2.3	107	0.00
47	t	Methyl methacrylate	0.154	0.137	11.0	79	0.00
48	t	Ethyl methacrylate	0.313	0.282	9.9	75	0.00
49	Rt	Toluene	0.664	0.643	3.2	82	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.376	0.343	8.8	77	0.00
51	T	cis-1,3-Dichloropropene	0.422	0.395	6.4	79	0.00
52	RT	1,1,2-Trichloroethane	0.210	0.197	6.2	81	0.00
53	t	1,3-Dichloropropane	0.375	0.345	8.0	78	0.00
54	t	2-Hexanone	0.148	0.123	16.9	72	0.00
55	t	Dibromochloromethane	0.255	0.240	5.9	79	0.00
56	T	1,2-Dibromoethane	0.212	0.198	6.6	79	0.00
57	S	4-Bromofluorobenzene	0.387	0.366	5.4	85	0.00
58	RT	Tetrachloroethene	0.263	0.255	3.0	83	0.00
59	Rt	Chlorobenzene	0.741	0.713	3.8	83	0.00
60	T	1,1,1,2-Tetrachloroethane	0.255	0.258	-1.2	85	0.00
61	t	Pentachloroethane	0.193	0.206	-6.7	87	0.00
62	t	Hexachloroethane	0.209	0.204	2.4	80	0.00
63	Rt	Ethyl Benzene	1.302	1.249	4.1	82	0.00
64	RT	m/p-Xylenes	0.496	0.479	3.4	81	0.00
65	RT	o-Xylene	0.481	0.459	4.6	81	0.00
66	RT	Styrene	0.816	0.792	2.9	81	0.00
67	t	Bromoform	0.162	0.149	8.0	76	0.00
68	S	1,2-Dichlorobenzene-d4	0.403	0.408	-1.2	91	0.00
69	T	Isopropylbenzene	1.293	1.245	3.7	82	0.00
70	T	1,1,2,2-Tetrachloroethane	0.284	0.260	8.5	79	0.00
71	T	1,2,3-Trichloropropane	0.239	0.182	23.8	62	0.00
72	t	Bromobenzene	0.316	0.309	2.2	83	0.00
73	t	n-propylbenzene	0.356	0.352	1.1	83	0.00
74	t	2-Chlorotoluene	0.304	0.301	1.0	84	0.00
75	t	1,3,5-Trimethylbenzene	1.061	1.048	1.2	83	0.00
76	t	4-Chlorotoluene	0.319	0.317	0.6	84	0.00
77	t	tert-Butylbenzene	1.064	1.048	1.5	83	0.00
78	t	1,2,4-Trimethylbenzene	1.082	1.079	0.3	85	0.00
79	t	sec-Butylbenzene	1.413	1.391	1.6	82	0.00
80		Nitrobenzene	0.014	0.007	50.0#	44	0.00
81	t	p-Isopropyltoluene	1.196	1.191	0.4	84	0.00
82	t	1,3-Dichlorobenzene	0.615	0.611	0.7	84	0.00
83	Rt	1,4-Dichlorobenzene	0.619	0.612	1.1	85	0.00
84	t	n-Butylbenzene	1.148	1.177	-2.5	85	0.00
85	Rt	1,2-Dichlorobenzene	0.592	0.586	1.0	85	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.052	0.048	7.7	80	0.00
87	Rt	1,2,4-Trichlorobenzene	0.465	0.493	-6.0	90	0.00
88	t	Hexachlorobutadiene	0.238	0.247	-3.8	88	0.00
89	t	Naphthalene	0.952	0.908	4.6	82	0.00
90	t	1,2,3-Trichlorobenzene	0.417	0.446	-7.0	89	0.00

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