Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050366.D
Acq On : 17 Aug 2022 20:47
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 18 06:11:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 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	0.384	0.293	23.7	75	0.00
3	t	Chloromethane	0.470	0.426	9.4	92	0.00
4	Rt	Vinyl Chloride	0.412	0.387	6.1	89	0.00
5	T	Bromomethane	0.175	0.185	-5.7	100	0.00
6	T	Chloroethane	0.256	0.253	1.2	96	0.00
7	T	Trichlorofluoromethane	0.483	0.418	13.5	83	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.262	0.206	21.4	76	0.00
9	Rt	1,1-Dichloroethene	0.275	0.252	8.4	88	0.00
10	t	Iodomethane	0.265	0.317	-19.6	102	0.00
11	t	Allyl Chloride	0.450	0.442	1.8	96	0.00
12	t	Acrylonitrile	0.090	0.089	1.1	93	0.00
13	T	Acetone	0.064	0.063	1.6	99	0.00
14	T	Carbon Disulfide	0.930	0.849	8.7	89	0.00
15	RT	Methylene Chloride	0.378	0.396	-4.8	109	0.00
16	RT	trans-1,2-Dichloroethene	0.299	0.300	-0.3	93	-0.02
17	t	1,1-Dichloroethane	0.605	0.629	-4.0	98	-0.03
18	T	2-Butanone	0.100	0.108	-8.0	101	0.00
19		Cyclohexane	0.359	0.299	16.7	73	0.00
20		Methylcyclohexane	0.344	0.287	16.6	71	-0.03
21	T	2,2-Dichloropropane	0.449	0.402	10.5	82	0.00
22	RT	cis-1,2-Dichloroethene	0.328	0.356	-8.5	103	0.00
23	t	Diethyl Ether	0.247	0.259	-4.9	97	0.00
24	t	tert-Butyl Alcohol	0.035	0.040	-14.3	107	0.03
25	t	Methyl tert-Butyl Ether	0.776	0.809	-4.3	97	-0.01
26	t	Bromochloromethane	0.147	0.151	-2.7	108	0.00
27	t	Chloroform	0.573	0.622	-8.6	104	0.00
28	RT	1,1,1-Trichloroethane	0.458	0.449	2.0	93	0.00
29	T	1,1-Dichloropropene	0.354	0.367	-3.7	90	0.00
30	RT	Carbon Tetrachloride	0.372	0.356	4.3	91	0.00
31	t	Isopropyl Ether	0.929	0.993	-6.9	99	-0.02
32		Ethyl-t-butyl ether	0.745	0.841	-12.9	98	-0.01
33		Tert-Amyl methyl ether	0.495	0.603	-21.8	103	0.00
34	t	Propionitrile	0.034	0.035	-2.9	97	0.00
35	RT	Benzene	1.172	1.244	-6.1	96	0.00
36	RT	1,2-Dichloroethane	0.367	0.381	-3.8	97	0.00
37	RT	Trichloroethene	0.285	0.288	-1.1	94	-0.03
38	Rt	1,2-Dichloropropane	0.321	0.352	-9.7	98	-0.03
39	t	Methacrylonitrile	0.109	0.129	-18.3	99	0.00
40	t	Methyl acrylate	0.191	0.225	-17.8	101	0.00
41	t	Tetrahydrofuran	0.059	0.068	-15.3	99	0.00
42	t	1-Chlorobutane	0.505	0.508	-0.6	91	0.00
43	T	Dibromomethane	0.177	0.186	-5.1	97	-0.03
44	T	Bromodichloromethane	0.412	0.439	-6.6	98	-0.02
45	T	4-Methyl-2-Pentanone	0.189	0.218	-15.3	96	-0.01
46	t	t-1,4-Dichloro-2-butene	0.066	0.069	-4.5	79	0.00
47	t	Methyl methacrylate	0.142	0.167	-17.6	93	-0.02
48	t	Ethyl methacrylate	0.250	0.295	-18.0	92	0.00
49	Rt	Toluene	0.650	0.765	-17.7	97	-0.02

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.338	0.370	-9.5	93	-0.02
51	T	cis-1,3-Dichloropropene	0.387	0.413	-6.7	93	-0.02
52	RT	1,1,2-Trichloroethane	0.264	0.274	-3.8	98	0.00
53	t	1,3-Dichloropropane	0.411	0.449	-9.2	97	0.00
54	t	2-Hexanone	0.131	0.151	-15.3	94	0.00
55	t	Dibromochloromethane	0.282	0.301	-6.7	98	0.00
56	T	1,2-Dibromoethane	0.231	0.251	-8.7	97	0.00
57	S	4-Bromofluorobenzene	0.347	0.375	-8.1	97	0.00
58	RT	Tetrachloroethene	0.266	0.258	3.0	91	-0.01
59	Rt	Chlorobenzene	0.704	0.786	-11.6	96	0.00
60	T	1,1,1,2-Tetrachloroethane	0.291	0.311	-6.9	100	0.00
61	t	Pentachloroethane	0.241	0.255	-5.8	98	0.00
62	t	Hexachloroethane	0.189	0.208	-10.1	96	0.00
63	Rt	Ethyl Benzene	1.109	1.333	-20.2	93	0.00
64	RT	m/p-Xylenes	0.431	0.547	-26.9	94	0.00
65	RT	o-Xylene	0.417	0.513	-23.0	95	0.00
66	RT	Styrene	0.688	0.923	-34.2#	98	0.00
67	t	Bromoform	0.164	0.171	-4.3	94	0.00
68	S	1,2-Dichlorobenzene-d4	0.389	0.411	-5.7	94	0.00
69	T	Isopropylbenzene	1.068	1.272	-19.1	92	0.00
70	T	1,1,2,2-Tetrachloroethane	0.359	0.363	-1.1	92	0.00
71	T	1,2,3-Trichloropropane	0.258	0.256	0.8	94	0.00
72	t	Bromobenzene	0.298	0.337	-13.1	96	0.00
73	t	n-propylbenzene	0.281	0.341	-21.4	89	0.00
74	t	2-Chlorotoluene	0.275	0.341	-24.0	97	0.00
75	t	1,3,5-Trimethylbenzene	0.933	1.185	-27.0	95	0.00
76	t	4-Chlorotoluene	0.276	0.345	-25.0	95	0.00
77	t	tert-Butylbenzene	0.915	1.061	-16.0	92	0.00
78	t	1,2,4-Trimethylbenzene	0.962	1.239	-28.8	93	0.00
79	t	sec-Butylbenzene	1.208	1.369	-13.3	86	0.00
80		Nitrobenzene	0.022	0.020	9.1	82	0.00
81	t	p-Isopropyltoluene	0.968	1.137	-17.5	87	0.00
82	t	1,3-Dichlorobenzene	0.606	0.683	-12.7	93	0.00
83	Rt	1,4-Dichlorobenzene	0.610	0.678	-11.1	92	0.00
84	t	n-Butylbenzene	0.918	0.983	-7.1	81	0.00
85	Rt	1,2-Dichlorobenzene	0.606	0.674	-11.2	93	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.058	0.060	-3.4	93	0.00
87	Rt	1,2,4-Trichlorobenzene	0.353	0.368	-4.2	83	0.00
88	t	Hexachlorobutadiene	0.209	0.200	4.3	84	0.00
89	t	Naphthalene	0.799	1.305	-63.3#	131	0.00
90	t	1,2,3-Trichlorobenzene	0.364	0.398	-9.3	84	0.00

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