Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
Data File : VU061153.D
Acq On : 17 Oct 2024 19:56
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 18 04:11:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 18 02:52:28 2024
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	98	0.00
2	T	Dichlorodifluoromethane	0.551	0.584	-6.0	97	0.00
3	t	Chloromethane	0.524	0.544	-3.8	99	0.00
4	Rt	Vinyl Chloride	0.538	0.581	-8.0	99	0.00
5	T	Bromomethane	0.338	0.356	-5.3	96	0.00
6	T	Chloroethane	0.361	0.389	-7.8	101	0.00
7	T	Trichlorofluoromethane	0.766	0.819	-6.9	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.381	0.404	-6.0	96	0.00
9	Rt	1,1-Dichloroethene	0.397	0.428	-7.8	97	0.00
10	t	Iodomethane	0.472	0.551	-16.7	104	0.00
11	t	Allyl Chloride	0.511	0.537	-5.1	95	0.00
12	t	Acrylonitrile	0.080	0.087	-8.7	101	0.00
13	T	Acetone	0.104	0.077	26.0	63	0.00
14	T	Carbon Disulfide	1.367	1.437	-5.1	96	0.00
15	RT	Methylene Chloride	0.513	0.495	3.5	96	0.00
16	RT	trans-1,2-Dichloroethene	0.465	0.497	-6.9	97	0.00
17	t	1,1-Dichloroethane	0.825	0.894	-8.4	99	0.00
18	T	2-Butanone	0.127	0.114	10.2	79	0.00
19		Cyclohexane	0.739	0.789	-6.8	97	0.00
20		Methylcyclohexane	0.824	0.877	-6.4	93	0.00
21	T	2,2-Dichloropropane	0.761	0.744	2.2	90	0.00
22	RT	cis-1,2-Dichloroethene	0.507	0.547	-7.9	98	0.00
23	t	Diethyl Ether	0.308	0.327	-6.2	101	0.00
24	t	tert-Butyl Alcohol	0.032	0.031	3.1	101	0.00
25	t	Methyl tert-Butyl Ether	1.063	1.160	-9.1	101	0.00
26	t	Bromochloromethane	0.212	0.228	-7.5	100	0.00
27	t	Chloroform	0.865	0.932	-7.7	98	0.00
28	RT	1,1,1-Trichloroethane	0.763	0.817	-7.1	96	0.00
29	T	1,1-Dichloropropene	0.674	0.726	-7.7	97	0.00
30	RT	Carbon Tetrachloride	0.662	0.718	-8.5	96	0.00
31	t	Isopropyl Ether	1.177	1.288	-9.4	99	0.00
32		Ethyl-t-butyl ether	1.210	1.324	-9.4	99	0.00
33		Tert-Amyl methyl ether	1.089	1.204	-10.6	100	0.00
34	t	Propionitrile	0.030	0.035	-16.7	99	0.00
35	RT	Benzene	1.898	2.077	-9.4	99	0.00
36	RT	1,2-Dichloroethane	0.536	0.589	-9.9	100	0.00
37	RT	Trichloroethene	0.507	0.543	-7.1	97	0.00
38	Rt	1,2-Dichloropropane	0.481	0.526	-9.4	98	0.00
39	t	Methacrylonitrile	0.109	0.130	-19.3	101	0.00
40	t	Methyl acrylate	0.222	0.244	-9.9	103	0.00
41	t	Tetrahydrofuran	0.066	0.070	-6.1	105	0.00
42	t	1-Chlorobutane	0.865	0.943	-9.0	96	0.00
43	T	Dibromomethane	0.249	0.270	-8.4	100	0.00
44	T	Bromodichloromethane	0.606	0.666	-9.9	100	0.00
45	T	4-Methyl-2-Pentanone	0.250	0.274	-9.6	99	0.00
46	t	t-1,4-Dichloro-2-butene	0.100	0.112	-12.0	94	0.00
47	t	Methyl methacrylate	0.217	0.248	-14.3	101	0.00
48	t	Ethyl methacrylate	0.462	0.526	-13.9	101	0.00
49	Rt	Toluene	1.199	1.314	-9.6	98	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.584	0.640	-9.6	96	0.00
51	T	cis-1,3-Dichloropropene	0.717	0.787	-9.8	96	0.00
52	RT	1,1,2-Trichloroethane	0.336	0.366	-8.9	100	0.00
53	t	1,3-Dichloropropane	0.591	0.649	-9.8	100	0.00
54	t	2-Hexanone	0.206	0.192	6.8	81	0.00
55	t	Dibromochloromethane	0.397	0.450	-13.4	100	0.00
56	T	1,2-Dibromoethane	0.323	0.353	-9.3	99	0.00
57	S	4-Bromofluorobenzene	0.531	0.524	1.3	92	0.00
58	RT	Tetrachloroethene	0.430	0.457	-6.3	96	0.00
59	Rt	Chlorobenzene	1.292	1.405	-8.7	97	0.00
60	T	1,1,1,2-Tetrachloroethane	0.436	0.485	-11.2	100	0.00
61	t	Pentachloroethane	0.333	0.378	-13.5	98	0.00
62	t	Hexachloroethane	0.344	0.395	-14.8	98	0.00
63	Rt	Ethyl Benzene	2.314	2.523	-9.0	97	0.00
64	RT	m/p-Xylenes	0.881	0.965	-9.5	96	0.00
65	RT	o-Xylene	0.867	0.945	-9.0	96	0.00
66	RT	Styrene	1.349	1.529	-13.3	98	0.00
67	t	Bromoform	0.208	0.237	-13.9	98	0.00
68	S	1,2-Dichlorobenzene-d4	0.524	0.544	-3.8	97	0.00
69	T	Isopropylbenzene	2.064	2.243	-8.7	96	0.00
70	T	1,1,2,2-Tetrachloroethane	0.408	0.458	-12.3	102	0.00
71	T	1,2,3-Trichloropropane	0.333	0.373	-12.0	104	0.00
72	t	Bromobenzene	0.496	0.539	-8.7	97	0.00
73	t	n-propylbenzene	0.602	0.664	-10.3	95	0.00
74	t	2-Chlorotoluene	0.521	0.571	-9.6	97	0.00
75	t	1,3,5-Trimethylbenzene	1.861	2.065	-11.0	97	0.00
76	t	4-Chlorotoluene	0.529	0.584	-10.4	96	0.00
77	t	tert-Butylbenzene	1.839	2.020	-9.8	96	0.00
78	t	1,2,4-Trimethylbenzene	1.878	2.068	-10.1	96	0.00
79	t	sec-Butylbenzene	2.395	2.657	-10.9	96	0.00
80		Nitrobenzene	0.009	0.011	-22.2	89	0.00
81	t	p-Isopropyltoluene	1.983	2.182	-10.0	95	0.00
82	t	1,3-Dichlorobenzene	0.952	1.049	-10.2	96	0.00
83	Rt	1,4-Dichlorobenzene	0.949	1.049	-10.5	96	0.00
84	t	n-Butylbenzene	1.840	2.023	-9.9	93	0.00
85	Rt	1,2-Dichlorobenzene	0.890	0.986	-10.8	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.061	0.075	-23.0	101	0.00
87	Rt	1,2,4-Trichlorobenzene	0.509	0.587	-15.3	95	0.00
88	t	Hexachlorobutadiene	0.288	0.311	-8.0	94	0.00
89	t	Naphthalene	0.898	1.064	-18.5	100	0.00
90	t	1,2,3-Trichlorobenzene	0.457	0.528	-15.5	97	0.00

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