Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090324\
Data File : VU060583.D
Acq On : 03 Sep 2024 13:17
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 04 05:37:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Aug 06 11:07:28 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	108	0.00
2	T	Dichlorodifluoromethane	0.385	0.400	-3.9	109	0.00
3	t	Chloromethane	0.440	0.420	4.5	105	0.00
4	Rt	Vinyl Chloride	0.440	0.425	3.4	102	0.00
5	T	Bromomethane	0.270	0.246	8.9	97	0.00
6	T	Chloroethane	0.266	0.243	8.6	97	0.00
7	T	Trichlorofluoromethane	0.530	0.584	-10.2	116	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.276	4.5	101	0.00
9	Rt	1,1-Dichloroethene	0.299	0.277	7.4	100	0.00
10	t	Iodomethane	0.443	0.376	15.1	90	0.00
11	t	Allyl Chloride	0.410	0.384	6.3	99	0.00
12	t	Acrylonitrile	0.078	0.068	12.8	99	0.00
13	T	Acetone	0.095	0.096	-1.1	145	0.00
14	T	Carbon Disulfide	1.014	0.892	12.0	94	0.00
15	RT	Methylene Chloride	0.374	0.327	12.6	97	0.00
16	RT	trans-1,2-Dichloroethene	0.320	0.303	5.3	100	0.00
17	t	1,1-Dichloroethane	0.616	0.596	3.2	104	0.00
18	T	2-Butanone	0.110	0.114	-3.6	130	-0.01
19		Cyclohexane	0.531	0.493	7.2	97	0.00
20		Methylcyclohexane	0.421	0.511	-21.4	112	0.00
21	T	2,2-Dichloropropane	0.480	0.474	1.3	108	0.00
22	RT	cis-1,2-Dichloroethene	0.343	0.333	2.9	102	0.00
23	t	Diethyl Ether	0.243	0.220	9.5	99	0.00
24	t	tert-Butyl Alcohol	0.030	0.022	26.7	88	0.11
25	t	Methyl tert-Butyl Ether	0.734	0.665	9.4	99	0.00
26	t	Bromochloromethane	0.145	0.147	-1.4	108	0.00
27	t	Chloroform	0.603	0.611	-1.3	110	0.00
28	RT	1,1,1-Trichloroethane	0.501	0.529	-5.6	114	0.00
29	T	1,1-Dichloropropene	0.401	0.443	-10.5	117	0.00
30	RT	Carbon Tetrachloride	0.408	0.470	-15.2	121	0.00
31	t	Isopropyl Ether	0.900	0.835	7.2	99	0.00
32		Ethyl-t-butyl ether	0.870	0.780	10.3	96	-0.01
33		Tert-Amyl methyl ether	0.618	0.694	-12.3	114	-0.01
34	t	Propionitrile	0.031	0.028	9.7	107	0.00
35	RT	Benzene	1.236	1.297	-4.9	108	0.00
36	RT	1,2-Dichloroethane	0.343	0.386	-12.5	121	0.00
37	RT	Trichloroethene	0.306	0.330	-7.8	112	0.00
38	Rt	1,2-Dichloropropane	0.334	0.361	-8.1	111	0.00
39	t	Methacrylonitrile	0.113	0.091	19.5	95	0.00
40	t	Methyl acrylate	0.199	0.171	14.1	102	0.00
41	t	Tetrahydrofuran	0.062	0.053	14.5	108	0.00
42	t	1-Chlorobutane	0.553	0.613	-10.8	117	0.00
43	T	Dibromomethane	0.169	0.167	1.2	106	0.00
44	T	Bromodichloromethane	0.406	0.445	-9.6	116	0.00
45	T	4-Methyl-2-Pentanone	0.159	0.193	-21.4	125	0.00
46	t	t-1,4-Dichloro-2-butene	0.089	0.087	2.2	100	0.00
47	t	Methyl methacrylate	0.137	0.158	-15.3	111	0.00
48	t	Ethyl methacrylate	0.233	0.285	-22.3	116	0.00
49	Rt	Toluene	0.685	0.797	-16.4	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.335	0.406	-21.2	119	0.00
51	T	cis-1,3-Dichloropropene	0.403	0.476	-18.1	118	0.00
52	RT	1,1,2-Trichloroethane	0.248	0.241	2.8	105	0.00
53	t	1,3-Dichloropropane	0.396	0.426	-7.6	112	0.00
54	t	2-Hexanone	0.123	0.168	-36.6#	142	0.00
55	t	Dibromochloromethane	0.272	0.296	-8.8	113	0.00
56	T	1,2-Dibromoethane	0.223	0.219	1.8	103	0.00
57	S	4-Bromofluorobenzene	0.341	0.418	-22.6	119	0.00
58	RT	Tetrachloroethene	0.273	0.316	-15.8	118	0.00
59	Rt	Chlorobenzene	0.742	0.863	-16.3	114	0.00
60	T	1,1,1,2-Tetrachloroethane	0.292	0.317	-8.6	113	0.00
61	t	Pentachloroethane	0.250	0.244	2.4	100	0.00
62	t	Hexachloroethane	0.241	0.266	-10.4	111	0.00
63	Rt	Ethyl Benzene	1.163	1.514	-30.2#	115	0.00
64	RT	m/p-Xylenes	0.463	0.603	-30.2#	111	0.00
65	RT	o-Xylene	0.444	0.574	-29.3	114	0.00
66	RT	Styrene	0.742	0.956	-28.8	109	0.00
67	t	Bromoform	0.160	0.166	-3.8	112	0.00
68	S	1,2-Dichlorobenzene-d4	0.370	0.394	-6.5	109	0.00
69	T	Isopropylbenzene	1.134	1.500	-32.3#	115	0.00
70	T	1,1,2,2-Tetrachloroethane	0.330	0.314	4.8	103	0.00
71	T	1,2,3-Trichloropropane	0.245	0.236	3.7	95	0.00
72	t	Bromobenzene	0.305	0.357	-17.0	112	0.00
73	t	n-propylbenzene	0.319	0.422	-32.3#	111	0.00
74	t	2-Chlorotoluene	0.298	0.366	-22.8	108	0.00
75	t	1,3,5-Trimethylbenzene	0.994	1.352	-36.0#	114	0.00
76	t	4-Chlorotoluene	0.310	0.391	-26.1	110	0.00
77	t	tert-Butylbenzene	0.969	1.238	-27.8	113	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.380	-35.8#	113	0.00
79	t	sec-Butylbenzene	1.295	1.678	-29.6	110	0.00
80		Nitrobenzene	0.015	0.010	33.3#	78	0.00
81	t	p-Isopropyltoluene	1.049	1.419	-35.3#	112	0.00
82	t	1,3-Dichlorobenzene	0.636	0.736	-15.7	110	0.00
83	Rt	1,4-Dichlorobenzene	0.631	0.742	-17.6	109	0.00
84	t	n-Butylbenzene	1.021	1.335	-30.8#	109	0.00
85	Rt	1,2-Dichlorobenzene	0.615	0.691	-12.4	108	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.048	0.048	0.0	106	0.00
87	Rt	1,2,4-Trichlorobenzene	0.352	0.397	-12.8	105	0.00
88	t	Hexachlorobutadiene	0.227	0.261	-15.0	110	0.00
89	t	Naphthalene	0.622	0.590	5.1	91	0.00
90	t	1,2,3-Trichlorobenzene	0.343	0.356	-3.8	96	0.00

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