Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090324\
Data File : VU060593.D
Acq On : 03 Sep 2024 18:30
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 04 05:47:40 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	94	0.00
2	T	Dichlorodifluoromethane	0.385	0.358	7.0	85	0.00
3	t	Chloromethane	0.440	0.375	14.8	82	0.00
4	Rt	Vinyl Chloride	0.440	0.394	10.5	83	0.00
5	T	Bromomethane	0.270	0.267	1.1	92	0.00
6	T	Chloroethane	0.266	0.258	3.0	89	0.00
7	T	Trichlorofluoromethane	0.530	0.632	-19.2	109	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.297	-2.8	95	0.00
9	Rt	1,1-Dichloroethene	0.299	0.294	1.7	93	0.00
10	t	Iodomethane	0.443	0.381	14.0	79	0.00
11	t	Allyl Chloride	0.410	0.410	0.0	92	0.00
12	t	Acrylonitrile	0.078	0.070	10.3	89	0.00
13	T	Acetone	0.095	0.069	27.4	91	0.00
14	T	Carbon Disulfide	1.014	0.911	10.2	83	0.00
15	RT	Methylene Chloride	0.374	0.372	0.5	96	0.00
16	RT	trans-1,2-Dichloroethene	0.320	0.315	1.6	90	0.00
17	t	1,1-Dichloroethane	0.616	0.630	-2.3	96	0.00
18	T	2-Butanone	0.110	0.091	17.3	90	-0.01
19		Cyclohexane	0.531	0.472	11.1	81	0.00
20		Methylcyclohexane	0.421	0.469	-11.4	89	0.00
21	T	2,2-Dichloropropane	0.480	0.461	4.0	91	0.00
22	RT	cis-1,2-Dichloroethene	0.343	0.335	2.3	90	0.00
23	t	Diethyl Ether	0.243	0.245	-0.8	96	0.00
24	t	tert-Butyl Alcohol	0.030	0.025	16.7	88	0.02
25	t	Methyl tert-Butyl Ether	0.734	0.711	3.1	92	0.00
26	t	Bromochloromethane	0.145	0.148	-2.1	95	0.00
27	t	Chloroform	0.603	0.631	-4.6	99	0.00
28	RT	1,1,1-Trichloroethane	0.501	0.539	-7.6	101	0.00
29	T	1,1-Dichloropropene	0.401	0.428	-6.7	98	0.00
30	RT	Carbon Tetrachloride	0.408	0.469	-15.0	106	0.00
31	t	Isopropyl Ether	0.900	0.863	4.1	89	0.00
32		Ethyl-t-butyl ether	0.870	0.787	9.5	84	-0.01
33		Tert-Amyl methyl ether	0.618	0.693	-12.1	99	-0.02
34	t	Propionitrile	0.031	0.028	9.7	95	0.00
35	RT	Benzene	1.236	1.249	-1.1	90	0.00
36	RT	1,2-Dichloroethane	0.343	0.385	-12.2	105	0.00
37	RT	Trichloroethene	0.306	0.313	-2.3	92	0.00
38	Rt	1,2-Dichloropropane	0.334	0.352	-5.4	94	0.00
39	t	Methacrylonitrile	0.113	0.095	15.9	86	0.00
40	t	Methyl acrylate	0.199	0.175	12.1	91	0.00
41	t	Tetrahydrofuran	0.062	0.047	24.2	84	-0.01
42	t	1-Chlorobutane	0.553	0.599	-8.3	99	0.00
43	T	Dibromomethane	0.169	0.164	3.0	90	0.00
44	T	Bromodichloromethane	0.406	0.435	-7.1	98	0.00
45	T	4-Methyl-2-Pentanone	0.159	0.185	-16.4	104	-0.01
46	t	t-1,4-Dichloro-2-butene	0.089	0.092	-3.4	92	0.00
47	t	Methyl methacrylate	0.137	0.151	-10.2	93	0.00
48	t	Ethyl methacrylate	0.233	0.272	-16.7	96	0.00
49	Rt	Toluene	0.685	0.764	-11.5	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.335	0.382	-14.0	98	0.00
51	T	cis-1,3-Dichloropropene	0.403	0.451	-11.9	97	0.00
52	RT	1,1,2-Trichloroethane	0.248	0.231	6.9	87	0.00
53	t	1,3-Dichloropropane	0.396	0.409	-3.3	93	0.00
54	t	2-Hexanone	0.123	0.135	-9.8	100	0.00
55	t	Dibromochloromethane	0.272	0.288	-5.9	96	0.00
56	T	1,2-Dibromoethane	0.223	0.211	5.4	86	0.00
57	S	4-Bromofluorobenzene	0.341	0.375	-10.0	93	0.00
58	RT	Tetrachloroethene	0.273	0.307	-12.5	100	0.00
59	Rt	Chlorobenzene	0.742	0.822	-10.8	94	0.00
60	T	1,1,1,2-Tetrachloroethane	0.292	0.309	-5.8	96	0.00
61	t	Pentachloroethane	0.250	0.235	6.0	84	0.00
62	t	Hexachloroethane	0.241	0.266	-10.4	97	0.00
63	Rt	Ethyl Benzene	1.163	1.438	-23.6	95	0.00
64	RT	m/p-Xylenes	0.463	0.600	-29.6	96	0.00
65	RT	o-Xylene	0.444	0.558	-25.7	96	0.00
66	RT	Styrene	0.742	0.932	-25.6	93	0.00
67	t	Bromoform	0.160	0.161	-0.6	95	0.00
68	S	1,2-Dichlorobenzene-d4	0.370	0.387	-4.6	93	0.00
69	T	Isopropylbenzene	1.134	1.430	-26.1	95	0.00
70	T	1,1,2,2-Tetrachloroethane	0.330	0.297	10.0	84	0.00
71	T	1,2,3-Trichloropropane	0.245	0.264	-7.8	92	0.00
72	t	Bromobenzene	0.305	0.338	-10.8	92	0.00
73	t	n-propylbenzene	0.319	0.404	-26.6	92	0.00
74	t	2-Chlorotoluene	0.298	0.355	-19.1	91	0.00
75	t	1,3,5-Trimethylbenzene	0.994	1.310	-31.8#	97	0.00
76	t	4-Chlorotoluene	0.310	0.370	-19.4	90	0.00
77	t	tert-Butylbenzene	0.969	1.191	-22.9	95	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.317	-29.6	94	0.00
79	t	sec-Butylbenzene	1.295	1.612	-24.5	92	0.00
80		Nitrobenzene	0.015	0.010	33.3#	65	0.00
81	t	p-Isopropyltoluene	1.049	1.341	-27.8	92	0.00
82	t	1,3-Dichlorobenzene	0.636	0.711	-11.8	92	0.00
83	Rt	1,4-Dichlorobenzene	0.631	0.704	-11.6	90	0.00
84	t	n-Butylbenzene	1.021	1.285	-25.9	91	0.00
85	Rt	1,2-Dichlorobenzene	0.615	0.691	-12.4	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.048	0.046	4.2	90	0.00
87	Rt	1,2,4-Trichlorobenzene	0.352	0.380	-8.0	88	0.00
88	t	Hexachlorobutadiene	0.227	0.257	-13.2	95	0.00
89	t	Naphthalene	0.622	0.554	10.9	75	0.00
90	t	1,2,3-Trichlorobenzene	0.343	0.372	-8.5	87	0.00

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