Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
Data File : VU060347.D
Acq On : 07 Aug 2024 19:58
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Aug 08 06:04:41 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	100	0.00
2	T	Dichlorodifluoromethane	0.385	0.343	10.9	86	0.00
3	t	Chloromethane	0.440	0.369	16.1	85	0.00
4	Rt	Vinyl Chloride	0.440	0.399	9.3	88	0.00
5	T	Bromomethane	0.270	0.287	-6.3	104	0.00
6	T	Chloroethane	0.266	0.246	7.5	90	0.00
7	T	Trichlorofluoromethane	0.530	0.509	4.0	92	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.289	0.280	3.1	94	0.00
9	Rt	1,1-Dichloroethene	0.299	0.295	1.3	98	0.00
10	t	Iodomethane	0.443	0.437	1.4	96	0.00
11	t	Allyl Chloride	0.410	0.343	16.3	81	0.00
12	t	Acrylonitrile	0.078	0.069	11.5	92	0.00
13	T	Acetone	0.095	0.045	52.6#	62	0.02
14	T	Carbon Disulfide	1.014	0.907	10.6	88	0.00
15	RT	Methylene Chloride	0.374	0.336	10.2	92	0.00
16	RT	trans-1,2-Dichloroethene	0.320	0.322	-0.6	97	0.00
17	t	1,1-Dichloroethane	0.616	0.565	8.3	91	0.00
18	T	2-Butanone	0.110	0.071	35.5#	74	0.00
19		Cyclohexane	0.531	0.467	12.1	84	0.00
20		Methylcyclohexane	0.421	0.489	-16.2	98	0.00
21	T	2,2-Dichloropropane	0.480	0.407	15.2	85	0.00
22	RT	cis-1,2-Dichloroethene	0.343	0.339	1.2	96	0.00
23	t	Diethyl Ether	0.243	0.228	6.2	94	0.00
24	t	tert-Butyl Alcohol	0.030	0.020	33.3#	73	0.12
25	t	Methyl tert-Butyl Ether	0.734	0.645	12.1	88	0.00
26	t	Bromochloromethane	0.145	0.155	-6.9	105	0.00
27	t	Chloroform	0.603	0.587	2.7	97	0.00
28	RT	1,1,1-Trichloroethane	0.501	0.494	1.4	98	0.00
29	T	1,1-Dichloropropene	0.401	0.420	-4.7	102	0.00
30	RT	Carbon Tetrachloride	0.408	0.427	-4.7	101	0.00
31	t	Isopropyl Ether	0.900	0.741	17.7	81	0.00
32		Ethyl-t-butyl ether	0.870	0.745	14.4	84	-0.01
33		Tert-Amyl methyl ether	0.618	0.694	-12.3	105	-0.01
34	t	Propionitrile	0.031	0.025	19.4	88	0.02
35	RT	Benzene	1.236	1.329	-7.5	101	0.00
36	RT	1,2-Dichloroethane	0.343	0.336	2.0	97	0.00
37	RT	Trichloroethene	0.306	0.344	-12.4	107	0.00
38	Rt	1,2-Dichloropropane	0.334	0.344	-3.0	97	0.00
39	t	Methacrylonitrile	0.113	0.080	29.2	77	0.00
40	t	Methyl acrylate	0.199	0.162	18.6	89	0.00
41	t	Tetrahydrofuran	0.062	0.043	30.6#	81	0.00
42	t	1-Chlorobutane	0.553	0.566	-2.4	99	0.00
43	T	Dibromomethane	0.169	0.168	0.6	98	0.00
44	T	Bromodichloromethane	0.406	0.421	-3.7	101	0.00
45	T	4-Methyl-2-Pentanone	0.159	0.167	-5.0	99	0.00
46	t	t-1,4-Dichloro-2-butene	0.089	0.084	5.6	89	0.00
47	t	Methyl methacrylate	0.137	0.156	-13.9	101	0.00
48	t	Ethyl methacrylate	0.233	0.280	-20.2	104	0.00
49	Rt	Toluene	0.685	0.808	-18.0	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.335	0.375	-11.9	101	0.00
51	T	cis-1,3-Dichloropropene	0.403	0.446	-10.7	102	0.00
52	RT	1,1,2-Trichloroethane	0.248	0.249	-0.4	100	0.00
53	t	1,3-Dichloropropane	0.396	0.418	-5.6	101	0.00
54	t	2-Hexanone	0.123	0.116	5.7	90	0.00
55	t	Dibromochloromethane	0.272	0.293	-7.7	103	0.00
56	T	1,2-Dibromoethane	0.223	0.226	-1.3	98	0.00
57	S	4-Bromofluorobenzene	0.341	0.376	-10.3	98	0.00
58	RT	Tetrachloroethene	0.273	0.311	-13.9	107	0.00
59	Rt	Chlorobenzene	0.742	0.882	-18.9	107	0.00
60	T	1,1,1,2-Tetrachloroethane	0.292	0.314	-7.5	103	0.00
61	t	Pentachloroethane	0.250	0.262	-4.8	98	0.00
62	t	Hexachloroethane	0.241	0.256	-6.2	98	0.00
63	Rt	Ethyl Benzene	1.163	1.508	-29.7	105	0.00
64	RT	m/p-Xylenes	0.463	0.604	-30.5#	102	0.00
65	RT	o-Xylene	0.444	0.573	-29.1	104	0.00
66	RT	Styrene	0.742	0.975	-31.4#	102	0.00
67	t	Bromoform	0.160	0.171	-6.9	106	0.00
68	S	1,2-Dichlorobenzene-d4	0.370	0.396	-7.0	100	0.00
69	T	Isopropylbenzene	1.134	1.491	-31.5#	105	0.00
70	T	1,1,2,2-Tetrachloroethane	0.330	0.322	2.4	96	0.00
71	T	1,2,3-Trichloropropane	0.245	0.255	-4.1	94	0.00
72	t	Bromobenzene	0.305	0.370	-21.3	107	0.00
73	t	n-propylbenzene	0.319	0.433	-35.7#	105	0.00
74	t	2-Chlorotoluene	0.298	0.388	-30.2#	105	0.00
75	t	1,3,5-Trimethylbenzene	0.994	1.320	-32.8#	103	0.00
76	t	4-Chlorotoluene	0.310	0.406	-31.0#	105	0.00
77	t	tert-Butylbenzene	0.969	1.246	-28.6	105	0.00
78	t	1,2,4-Trimethylbenzene	1.016	1.387	-36.5#	104	0.00
79	t	sec-Butylbenzene	1.295	1.704	-31.6#	103	0.00
80		Nitrobenzene	0.015	0.010	33.3#	67	0.00
81	t	p-Isopropyltoluene	1.049	1.431	-36.4#	104	0.00
82	t	1,3-Dichlorobenzene	0.636	0.775	-21.9	106	0.00
83	Rt	1,4-Dichlorobenzene	0.631	0.767	-21.6	104	0.00
84	t	n-Butylbenzene	1.021	1.367	-33.9#	102	0.00
85	Rt	1,2-Dichlorobenzene	0.615	0.722	-17.4	104	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.048	0.045	6.3	92	0.00
87	Rt	1,2,4-Trichlorobenzene	0.352	0.423	-20.2	103	0.00
88	t	Hexachlorobutadiene	0.227	0.267	-17.6	104	0.00
89	t	Naphthalene	0.622	0.833	-33.9#	119	0.00
90	t	1,2,3-Trichlorobenzene	0.343	0.512	-49.3#	127	0.00

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