Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
Data File : VU059152.D
Acq On : 05 Jun 2024 15:13
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU060524

Quant Time: Jun 06 03:41:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 06 03:28:28 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	104	0.00
2	T	Dichlorodifluoromethane	0.313	0.192	38.7#	62	0.00
3	t	Chloromethane	0.377	0.293	22.3	82	0.00
4	Rt	Vinyl Chloride	0.381	0.312	18.1	86	0.00
5	T	Bromomethane	0.232	0.194	16.4	93	0.00
6	T	Chloroethane	0.245	0.207	15.5	93	0.00
7	T	Trichlorofluoromethane	0.473	0.380	19.7	90	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.243	0.241	0.8	106	0.00
9	Rt	1,1-Dichloroethene	0.241	0.232	3.7	101	0.00
10	t	Iodomethane	0.304	0.322	-5.9	96	0.00
11	t	Allyl Chloride	0.326	0.349	-7.1	110	0.00
12	t	Acrylonitrile	0.054	0.138	-155.6#	248#	0.00
13	T	Acetone	0.083	0.053	36.1#	74	0.00
14	T	Carbon Disulfide	0.768	0.691	10.0	94	0.00
15	RT	Methylene Chloride	0.330	0.306	7.3	107	0.00
16	RT	trans-1,2-Dichloroethene	0.263	0.253	3.8	98	0.00
17	t	1,1-Dichloroethane	0.550	0.523	4.9	100	0.00
18	T	2-Butanone	0.092	0.069	25.0	82	0.00
19		Cyclohexane	0.398	0.408	-2.5	96	0.00
20		Methylcyclohexane	0.400	0.426	-6.5	98	0.00
21	T	2,2-Dichloropropane	0.407	0.405	0.5	101	0.00
22	RT	cis-1,2-Dichloroethene	0.286	0.309	-8.0	107	0.00
23	t	Diethyl Ether	0.226	0.196	13.3	94	0.00
24	t	tert-Butyl Alcohol	0.014	0.008	42.9#	61	0.00
25	t	Methyl tert-Butyl Ether	0.578	0.605	-4.7	102	0.00
26	t	Bromochloromethane	0.121	0.130	-7.4	108	0.00
27	t	Chloroform	0.553	0.518	6.3	98	0.00
28	RT	1,1,1-Trichloroethane	0.436	0.414	5.0	98	0.00
29	T	1,1-Dichloropropene	0.366	0.354	3.3	94	0.00
30	RT	Carbon Tetrachloride	0.358	0.346	3.4	99	0.00
31	t	Isopropyl Ether	0.722	0.830	-15.0	111	0.00
32		Ethyl-t-butyl ether	0.672	0.000	100.0#	0#	-4.49#
33		Tert-Amyl methyl ether	0.593	0.000	100.0#	0#	-5.93#
34	t	Propionitrile	0.021	0.042	-100.0#	205#	0.00
35	RT	Benzene	1.150	1.148	0.2	101	0.00
36	RT	1,2-Dichloroethane	0.341	0.311	8.8	93	0.00
37	RT	Trichloroethene	0.275	0.249	9.5	94	0.00
38	Rt	1,2-Dichloropropane	0.326	0.297	8.9	92	0.00
39	t	Methacrylonitrile	0.078	0.082	-5.1	98	0.00
40	t	Methyl acrylate	0.137	0.145	-5.8	100	0.00
41	t	Tetrahydrofuran	0.042	0.104	-147.6#	255#	0.00
42	t	1-Chlorobutane	0.505	0.531	-5.1	101	0.00
43	T	Dibromomethane	0.148	0.149	-0.7	103	0.00
44	T	Bromodichloromethane	0.383	0.385	-0.5	102	0.00
45	T	4-Methyl-2-Pentanone	0.158	0.168	-6.3	103	0.00
46	t	t-1,4-Dichloro-2-butene	0.067	0.036	46.3#	55	0.00
47	t	Methyl methacrylate	0.127	0.064	49.6#	46	0.00
48	t	Ethyl methacrylate	0.224	0.261	-16.5	104	0.00
49	Rt	Toluene	0.633	0.680	-7.4	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.328	0.339	-3.4	99	0.00
51	T	cis-1,3-Dichloropropene	0.401	0.404	-0.7	98	0.00
52	RT	1,1,2-Trichloroethane	0.218	0.205	6.0	100	0.00
53	t	1,3-Dichloropropane	0.376	0.357	5.1	96	0.00
54	t	2-Hexanone	0.123	0.126	-2.4	99	0.00
55	t	Dibromochloromethane	0.236	0.236	0.0	101	0.00
56	T	1,2-Dibromoethane	0.192	0.183	4.7	98	0.00
57	S	4-Bromofluorobenzene	0.340	0.370	-8.8	110	0.00
58	RT	Tetrachloroethene	0.253	0.249	1.6	103	0.00
59	Rt	Chlorobenzene	0.693	0.716	-3.3	102	0.00
60	T	1,1,1,2-Tetrachloroethane	0.248	0.234	5.6	96	0.00
61	t	Pentachloroethane	0.192	0.194	-1.0	103	0.00
62	t	Hexachloroethane	0.196	0.200	-2.0	97	0.00
63	Rt	Ethyl Benzene	1.169	1.319	-12.8	103	0.00
64	RT	m/p-Xylenes	0.441	0.504	-14.3	102	0.00
65	RT	o-Xylene	0.435	0.475	-9.2	101	0.00
66	RT	Styrene	0.695	0.834	-20.0	105	0.00
67	t	Bromoform	0.128	0.128	0.0	101	0.00
68	S	1,2-Dichlorobenzene-d4	0.356	0.359	-0.8	107	0.00
69	T	Isopropylbenzene	1.114	1.276	-14.5	103	0.00
70	T	1,1,2,2-Tetrachloroethane	0.275	0.258	6.2	95	0.00
71	T	1,2,3-Trichloropropane	0.210	0.194	7.6	102	0.00
72	t	Bromobenzene	0.267	0.282	-5.6	102	0.00
73	t	n-propylbenzene	0.298	0.343	-15.1	101	0.00
74	t	2-Chlorotoluene	0.272	0.297	-9.2	102	0.00
75	t	1,3,5-Trimethylbenzene	0.942	1.092	-15.9	101	0.00
76	t	4-Chlorotoluene	0.285	0.311	-9.1	100	0.00
77	t	tert-Butylbenzene	0.895	1.014	-13.3	103	0.00
78	t	1,2,4-Trimethylbenzene	0.951	1.123	-18.1	101	0.00
79	t	sec-Butylbenzene	1.243	1.444	-16.2	102	0.00
80		Nitrobenzene	0.006	0.002	66.7#	20	0.00
81	t	p-Isopropyltoluene	0.953	1.163	-22.0	101	0.00
82	t	1,3-Dichlorobenzene	0.566	0.592	-4.6	102	0.00
83	Rt	1,4-Dichlorobenzene	0.566	0.587	-3.7	99	0.00
84	t	n-Butylbenzene	0.897	1.151	-28.3	102	0.00
85	Rt	1,2-Dichlorobenzene	0.534	0.549	-2.8	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.037	0.037	0.0	92	0.00
87	Rt	1,2,4-Trichlorobenzene	0.286	0.350	-22.4	107	0.00
88	t	Hexachlorobutadiene	0.179	0.184	-2.8	97	0.00
89	t	Naphthalene	0.465	0.527	-13.3	101	0.00
90	t	1,2,3-Trichlorobenzene	0.260	0.309	-18.8	103	0.00

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