Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
Data File : VU059159.D
Acq On : 05 Jun 2024 19:38
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jun 06 03:48:20 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	103	0.00
2	T	Dichlorodifluoromethane	0.313	0.301	3.8	97	0.00
3	t	Chloromethane	0.377	0.356	5.6	100	0.00
4	Rt	Vinyl Chloride	0.381	0.367	3.7	100	0.00
5	T	Bromomethane	0.232	0.205	11.6	98	0.00
6	T	Chloroethane	0.245	0.230	6.1	102	0.00
7	T	Trichlorofluoromethane	0.473	0.420	11.2	99	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.243	0.235	3.3	102	0.00
9	Rt	1,1-Dichloroethene	0.241	0.229	5.0	100	0.00
10	t	Iodomethane	0.304	0.346	-13.8	103	0.00
11	t	Allyl Chloride	0.326	0.318	2.5	100	0.00
12	t	Acrylonitrile	0.054	0.063	-16.7	113	0.00
13	T	Acetone	0.083	0.043	48.2#	59	0.00
14	T	Carbon Disulfide	0.768	0.725	5.6	98	0.00
15	RT	Methylene Chloride	0.330	0.320	3.0	111	0.00
16	RT	trans-1,2-Dichloroethene	0.263	0.261	0.8	101	0.00
17	t	1,1-Dichloroethane	0.550	0.539	2.0	102	0.00
18	T	2-Butanone	0.092	0.072	21.7	84	0.00
19		Cyclohexane	0.398	0.419	-5.3	98	0.00
20		Methylcyclohexane	0.400	0.426	-6.5	97	0.00
21	T	2,2-Dichloropropane	0.407	0.356	12.5	89	0.00
22	RT	cis-1,2-Dichloroethene	0.286	0.295	-3.1	101	0.00
23	t	Diethyl Ether	0.226	0.221	2.2	105	0.00
24	t	tert-Butyl Alcohol	0.014	0.015	-7.1	115	0.00
25	t	Methyl tert-Butyl Ether	0.578	0.629	-8.8	106	0.00
26	t	Bromochloromethane	0.121	0.125	-3.3	103	0.00
27	t	Chloroform	0.553	0.532	3.8	100	0.00
28	RT	1,1,1-Trichloroethane	0.436	0.432	0.9	101	0.00
29	T	1,1-Dichloropropene	0.366	0.384	-4.9	102	0.00
30	RT	Carbon Tetrachloride	0.358	0.353	1.4	100	0.00
31	t	Isopropyl Ether	0.722	0.759	-5.1	101	0.00
32		Ethyl-t-butyl ether	0.672	0.729	-8.5	103	0.00
33		Tert-Amyl methyl ether	0.593	0.663	-11.8	106	0.00
34	t	Propionitrile	0.021	0.023	-9.5	113	0.00
35	RT	Benzene	1.150	1.165	-1.3	102	0.00
36	RT	1,2-Dichloroethane	0.341	0.348	-2.1	104	0.00
37	RT	Trichloroethene	0.275	0.272	1.1	102	0.00
38	Rt	1,2-Dichloropropane	0.326	0.329	-0.9	101	0.00
39	t	Methacrylonitrile	0.078	0.089	-14.1	106	0.00
40	t	Methyl acrylate	0.137	0.155	-13.1	106	0.00
41	t	Tetrahydrofuran	0.042	0.047	-11.9	115	0.00
42	t	1-Chlorobutane	0.505	0.531	-5.1	100	0.00
43	T	Dibromomethane	0.148	0.154	-4.1	105	0.00
44	T	Bromodichloromethane	0.383	0.389	-1.6	103	0.00
45	T	4-Methyl-2-Pentanone	0.158	0.187	-18.4	114	0.00
46	t	t-1,4-Dichloro-2-butene	0.067	0.077	-14.9	118	0.00
47	t	Methyl methacrylate	0.127	0.153	-20.5	110	0.00
48	t	Ethyl methacrylate	0.224	0.270	-20.5	107	0.00
49	Rt	Toluene	0.633	0.684	-8.1	101	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.328	0.352	-7.3	102	0.00
51	T	cis-1,3-Dichloropropene	0.401	0.417	-4.0	101	0.00
52	RT	1,1,2-Trichloroethane	0.218	0.224	-2.8	108	0.00
53	t	1,3-Dichloropropane	0.376	0.400	-6.4	107	0.00
54	t	2-Hexanone	0.123	0.128	-4.1	100	0.00
55	t	Dibromochloromethane	0.236	0.246	-4.2	104	0.00
56	T	1,2-Dibromoethane	0.192	0.201	-4.7	107	0.00
57	S	4-Bromofluorobenzene	0.340	0.342	-0.6	101	0.00
58	RT	Tetrachloroethene	0.253	0.250	1.2	103	0.00
59	Rt	Chlorobenzene	0.693	0.713	-2.9	101	0.00
60	T	1,1,1,2-Tetrachloroethane	0.248	0.246	0.8	100	0.00
61	t	Pentachloroethane	0.192	0.186	3.1	98	0.00
62	t	Hexachloroethane	0.196	0.205	-4.6	99	0.00
63	Rt	Ethyl Benzene	1.169	1.300	-11.2	101	0.00
64	RT	m/p-Xylenes	0.441	0.500	-13.4	100	0.00
65	RT	o-Xylene	0.435	0.475	-9.2	100	0.00
66	RT	Styrene	0.695	0.807	-16.1	101	0.00
67	t	Bromoform	0.128	0.137	-7.0	108	0.00
68	S	1,2-Dichlorobenzene-d4	0.356	0.368	-3.4	108	0.00
69	T	Isopropylbenzene	1.114	1.240	-11.3	99	0.00
70	T	1,1,2,2-Tetrachloroethane	0.275	0.298	-8.4	109	0.00
71	T	1,2,3-Trichloropropane	0.210	0.238	-13.3	124	0.00
72	t	Bromobenzene	0.267	0.286	-7.1	102	0.00
73	t	n-propylbenzene	0.298	0.341	-14.4	99	0.00
74	t	2-Chlorotoluene	0.272	0.293	-7.7	99	0.00
75	t	1,3,5-Trimethylbenzene	0.942	1.084	-15.1	100	0.00
76	t	4-Chlorotoluene	0.285	0.309	-8.4	98	0.00
77	t	tert-Butylbenzene	0.895	0.981	-9.6	99	0.00
78	t	1,2,4-Trimethylbenzene	0.951	1.111	-16.8	99	0.00
79	t	sec-Butylbenzene	1.243	1.397	-12.4	98	0.00
80		Nitrobenzene	0.006	0.008	-33.3#	103	0.00
81	t	p-Isopropyltoluene	0.953	1.125	-18.0	97	0.00
82	t	1,3-Dichlorobenzene	0.566	0.582	-2.8	99	0.00
83	Rt	1,4-Dichlorobenzene	0.566	0.582	-2.8	98	0.00
84	t	n-Butylbenzene	0.897	1.064	-18.6	94	0.00
85	Rt	1,2-Dichlorobenzene	0.534	0.567	-6.2	102	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.037	0.045	-21.6	111	0.00
87	Rt	1,2,4-Trichlorobenzene	0.286	0.323	-12.9	98	0.00
88	t	Hexachlorobutadiene	0.179	0.186	-3.9	97	0.00
89	t	Naphthalene	0.465	0.536	-15.3	102	0.00
90	t	1,2,3-Trichlorobenzene	0.260	0.309	-18.8	102	0.00

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