Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020124\
Data File : VU057768.D
Acq On : 01 Feb 2024 09:23
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 02 00:33:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 02 00:27:55 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	0.333	0.335	-0.6	100	0.00
3	t	Chloromethane	0.320	0.316	1.3	103	0.00
4	Rt	Vinyl Chloride	0.326	0.333	-2.1	100	0.00
5	T	Bromomethane	0.193	0.201	-4.1	113	0.00
6	T	Chloroethane	0.206	0.203	1.5	100	0.00
7	T	Trichlorofluoromethane	0.499	0.494	1.0	95	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.256	0.256	0.0	100	0.00
9	Rt	1,1-Dichloroethene	0.249	0.249	0.0	99	0.00
10	t	Iodomethane	0.295	0.324	-9.8	100	0.00
11	t	Allyl Chloride	0.337	0.350	-3.9	100	0.00
12	t	Acrylonitrile	0.042	0.046	-9.5	97	0.00
13	T	Acetone	0.077	0.079	-2.6	93	0.01
14	T	Carbon Disulfide	0.795	0.809	-1.8	100	0.00
15	RT	Methylene Chloride	0.297	0.292	1.7	103	0.00
16	RT	trans-1,2-Dichloroethene	0.271	0.277	-2.2	98	0.00
17	t	1,1-Dichloroethane	0.512	0.527	-2.9	101	0.00
18	T	2-Butanone	0.083	0.091	-9.6	100	0.00
19		Cyclohexane	0.401	0.408	-1.7	100	0.00
20		Methylcyclohexane	0.485	0.511	-5.4	100	0.00
21	T	2,2-Dichloropropane	0.455	0.476	-4.6	100	0.00
22	RT	cis-1,2-Dichloroethene	0.297	0.304	-2.4	100	0.00
23	t	Diethyl Ether	0.179	0.178	0.6	96	0.00
24	t	tert-Butyl Alcohol	0.020	0.020	0.0	97	0.05
25	t	Methyl tert-Butyl Ether	0.583	0.590	-1.2	98	0.00
26	t	Bromochloromethane	0.119	0.121	-1.7	100	0.00
27	t	Chloroform	0.533	0.540	-1.3	99	0.00
28	RT	1,1,1-Trichloroethane	0.481	0.493	-2.5	99	0.00
29	T	1,1-Dichloropropene	0.389	0.407	-4.6	101	0.00
30	RT	Carbon Tetrachloride	0.414	0.432	-4.3	100	0.00
31	t	Isopropyl Ether	0.750	0.773	-3.1	100	0.00
32		Ethyl-t-butyl ether	0.696	0.706	-1.4	94	0.00
33		Tert-Amyl methyl ether	0.586	0.601	-2.6	95	0.00
34	t	Propionitrile	0.017	0.017	0.0	93	0.01
35	RT	Benzene	1.120	1.141	-1.9	99	0.00
36	RT	1,2-Dichloroethane	0.326	0.328	-0.6	99	0.00
37	RT	Trichloroethene	0.297	0.298	-0.3	98	0.00
38	Rt	1,2-Dichloropropane	0.290	0.293	-1.0	99	0.00
39	t	Methacrylonitrile	0.068	0.075	-10.3	101	0.00
40	t	Methyl acrylate	0.103	0.130	-26.2	98	0.00
41	t	Tetrahydrofuran	0.036	0.035	2.8	91	0.00
42	t	1-Chlorobutane	0.513	0.532	-3.7	99	0.00
43	T	Dibromomethane	0.134	0.139	-3.7	100	0.00
44	T	Bromodichloromethane	0.374	0.385	-2.9	100	0.00
45	T	4-Methyl-2-Pentanone	0.142	0.148	-4.2	94	0.00
46	t	t-1,4-Dichloro-2-butene	0.032	0.045	-40.6#	112	0.00
47	t	Methyl methacrylate	0.118	0.122	-3.4	96	0.00
48	t	Ethyl methacrylate	0.236	0.245	-3.8	93	0.00
49	Rt	Toluene	0.684	0.712	-4.1	100	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.323	0.346	-7.1	98	0.00
51	T	cis-1,3-Dichloropropene	0.409	0.433	-5.9	100	0.00
52	RT	1,1,2-Trichloroethane	0.184	0.185	-0.5	97	0.00
53	t	1,3-Dichloropropane	0.331	0.336	-1.5	100	0.00
54	t	2-Hexanone	0.131	0.140	-6.9	97	0.00
55	t	Dibromochloromethane	0.228	0.236	-3.5	98	0.00
56	T	1,2-Dibromoethane	0.169	0.177	-4.7	98	0.00
57	S	4-Bromofluorobenzene	0.379	0.488	-28.8	122	0.00
58	RT	Tetrachloroethene	0.262	0.264	-0.8	100	0.00
59	Rt	Chlorobenzene	0.757	0.773	-2.1	96	0.00
60	T	1,1,1,2-Tetrachloroethane	0.257	0.270	-5.1	98	0.00
61	t	Pentachloroethane	0.187	0.202	-8.0	93	0.00
62	t	Hexachloroethane	0.204	0.223	-9.3	92	0.00
63	Rt	Ethyl Benzene	1.345	1.405	-4.5	97	0.00
64	RT	m/p-Xylenes	0.489	0.521	-6.5	97	0.00
65	RT	o-Xylene	0.484	0.504	-4.1	95	0.00
66	RT	Styrene	0.722	0.780	-8.0	93	0.00
67	t	Bromoform	0.117	0.124	-6.0	94	0.00
68	S	1,2-Dichlorobenzene-d4	0.341	0.329	3.5	91	0.00
69	T	Isopropylbenzene	1.268	1.345	-6.1	95	0.00
70	T	1,1,2,2-Tetrachloroethane	0.231	0.226	2.2	92	0.00
71	T	1,2,3-Trichloropropane	0.190	0.158	16.8	82	0.00
72	t	Bromobenzene	0.279	0.287	-2.9	93	0.00
73	t	n-propylbenzene	0.319	0.342	-7.2	93	0.00
74	t	2-Chlorotoluene	0.296	0.311	-5.1	94	0.00
75	t	1,3,5-Trimethylbenzene	1.089	1.150	-5.6	95	0.00
76	t	4-Chlorotoluene	0.297	0.313	-5.4	94	0.00
77	t	tert-Butylbenzene	1.022	1.045	-2.3	91	0.00
78	t	1,2,4-Trimethylbenzene	1.105	1.152	-4.3	94	0.00
79	t	sec-Butylbenzene	1.306	1.327	-1.6	92	0.00
80		Nitrobenzene	0.005	0.005	0.0	86	0.00
81	t	p-Isopropyltoluene	1.102	1.160	-5.3	93	0.00
82	t	1,3-Dichlorobenzene	0.564	0.576	-2.1	94	0.00
83	Rt	1,4-Dichlorobenzene	0.551	0.565	-2.5	94	0.00
84	t	n-Butylbenzene	1.053	1.122	-6.6	92	0.00
85	Rt	1,2-Dichlorobenzene	0.512	0.520	-1.6	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.032	0.035	-9.4	96	0.00
87	Rt	1,2,4-Trichlorobenzene	0.306	0.309	-1.0	88	0.00
88	t	Hexachlorobutadiene	0.196	0.198	-1.0	94	0.00
89	t	Naphthalene	0.472	0.439	7.0	84	0.00
90	t	1,2,3-Trichlorobenzene	0.254	0.243	4.3	87	0.00

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