Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
Data File : VU057784.D
Acq On : 02 Feb 2024 09:20
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 03 05:50:53 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	102	0.00
2	T	Dichlorodifluoromethane	0.333	0.328	1.5	97	0.00
3	t	Chloromethane	0.320	0.310	3.1	100	0.00
4	Rt	Vinyl Chloride	0.326	0.331	-1.5	99	0.00
5	T	Bromomethane	0.193	0.194	-0.5	108	0.00
6	T	Chloroethane	0.206	0.211	-2.4	103	0.00
7	T	Trichlorofluoromethane	0.499	0.495	0.8	95	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.256	0.257	-0.4	99	0.00
9	Rt	1,1-Dichloroethene	0.249	0.247	0.8	97	0.00
10	t	Iodomethane	0.295	0.320	-8.5	98	0.00
11	t	Allyl Chloride	0.337	0.355	-5.3	100	0.00
12	t	Acrylonitrile	0.042	0.048	-14.3	102	0.00
13	T	Acetone	0.077	0.091	-18.2	107	0.02
14	T	Carbon Disulfide	0.795	0.809	-1.8	99	0.00
15	RT	Methylene Chloride	0.297	0.279	6.1	98	0.00
16	RT	trans-1,2-Dichloroethene	0.271	0.279	-3.0	98	0.00
17	t	1,1-Dichloroethane	0.512	0.535	-4.5	102	0.00
18	T	2-Butanone	0.083	0.098	-18.1	107	0.01
19		Cyclohexane	0.401	0.402	-0.2	98	0.00
20		Methylcyclohexane	0.485	0.502	-3.5	98	0.00
21	T	2,2-Dichloropropane	0.455	0.478	-5.1	99	0.00
22	RT	cis-1,2-Dichloroethene	0.297	0.301	-1.3	98	0.00
23	t	Diethyl Ether	0.179	0.184	-2.8	99	0.00
24	t	tert-Butyl Alcohol	0.020	0.021	-5.0	103	0.13
25	t	Methyl tert-Butyl Ether	0.583	0.599	-2.7	98	0.00
26	t	Bromochloromethane	0.119	0.119	0.0	97	0.00
27	t	Chloroform	0.533	0.548	-2.8	100	0.00
28	RT	1,1,1-Trichloroethane	0.481	0.492	-2.3	98	0.00
29	T	1,1-Dichloropropene	0.389	0.406	-4.4	100	0.00
30	RT	Carbon Tetrachloride	0.414	0.426	-2.9	98	0.00
31	t	Isopropyl Ether	0.750	0.789	-5.2	101	0.00
32		Ethyl-t-butyl ether	0.696	0.726	-4.3	96	0.00
33		Tert-Amyl methyl ether	0.586	0.597	-1.9	94	0.00
34	t	Propionitrile	0.017	0.019	-11.8	98	0.02
35	RT	Benzene	1.120	1.146	-2.3	99	0.00
36	RT	1,2-Dichloroethane	0.326	0.335	-2.8	100	0.00
37	RT	Trichloroethene	0.297	0.301	-1.3	98	0.00
38	Rt	1,2-Dichloropropane	0.290	0.299	-3.1	100	0.00
39	t	Methacrylonitrile	0.068	0.076	-11.8	101	0.00
40	t	Methyl acrylate	0.103	0.112	-8.7	83	0.00
41	t	Tetrahydrofuran	0.036	0.036	0.0	92	0.00
42	t	1-Chlorobutane	0.513	0.544	-6.0	100	0.00
43	T	Dibromomethane	0.134	0.139	-3.7	99	0.00
44	T	Bromodichloromethane	0.374	0.388	-3.7	99	0.00
45	T	4-Methyl-2-Pentanone	0.142	0.151	-6.3	95	0.00
46	t	t-1,4-Dichloro-2-butene	0.032	0.039	-21.9	95	0.00
47	t	Methyl methacrylate	0.118	0.126	-6.8	98	0.00
48	t	Ethyl methacrylate	0.236	0.244	-3.4	92	0.00
49	Rt	Toluene	0.684	0.711	-3.9	99	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.323	0.348	-7.7	98	0.00
51	T	cis-1,3-Dichloropropene	0.409	0.433	-5.9	99	0.00
52	RT	1,1,2-Trichloroethane	0.184	0.188	-2.2	97	0.00
53	t	1,3-Dichloropropane	0.331	0.338	-2.1	100	0.00
54	t	2-Hexanone	0.131	0.148	-13.0	102	0.00
55	t	Dibromochloromethane	0.228	0.234	-2.6	97	0.00
56	T	1,2-Dibromoethane	0.169	0.177	-4.7	97	0.00
57	S	4-Bromofluorobenzene	0.379	0.479	-26.4	119	0.00
58	RT	Tetrachloroethene	0.262	0.258	1.5	97	0.00
59	Rt	Chlorobenzene	0.757	0.770	-1.7	95	0.00
60	T	1,1,1,2-Tetrachloroethane	0.257	0.265	-3.1	96	0.00
61	t	Pentachloroethane	0.187	0.206	-10.2	94	0.00
62	t	Hexachloroethane	0.204	0.220	-7.8	90	0.00
63	Rt	Ethyl Benzene	1.345	1.401	-4.2	96	0.00
64	RT	m/p-Xylenes	0.489	0.516	-5.5	95	0.00
65	RT	o-Xylene	0.484	0.504	-4.1	94	0.00
66	RT	Styrene	0.722	0.782	-8.3	93	0.00
67	t	Bromoform	0.117	0.122	-4.3	92	0.00
68	S	1,2-Dichlorobenzene-d4	0.341	0.328	3.8	90	0.00
69	T	Isopropylbenzene	1.268	1.345	-6.1	94	0.00
70	T	1,1,2,2-Tetrachloroethane	0.231	0.232	-0.4	93	0.00
71	T	1,2,3-Trichloropropane	0.190	0.176	7.4	90	0.00
72	t	Bromobenzene	0.279	0.283	-1.4	91	0.00
73	t	n-propylbenzene	0.319	0.341	-6.9	92	0.00
74	t	2-Chlorotoluene	0.296	0.308	-4.1	92	0.00
75	t	1,3,5-Trimethylbenzene	1.089	1.136	-4.3	93	0.00
76	t	4-Chlorotoluene	0.297	0.315	-6.1	94	0.00
77	t	tert-Butylbenzene	1.022	1.049	-2.6	91	0.00
78	t	1,2,4-Trimethylbenzene	1.105	1.152	-4.3	93	0.00
79	t	sec-Butylbenzene	1.306	1.318	-0.9	91	0.00
80		Nitrobenzene	0.005	0.005	0.0	93	0.00
81	t	p-Isopropyltoluene	1.102	1.134	-2.9	90	0.00
82	t	1,3-Dichlorobenzene	0.564	0.569	-0.9	92	0.00
83	Rt	1,4-Dichlorobenzene	0.551	0.563	-2.2	93	0.00
84	t	n-Butylbenzene	1.053	1.126	-6.9	92	0.00
85	Rt	1,2-Dichlorobenzene	0.512	0.523	-2.1	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.032	0.036	-12.5	100	0.00
87	Rt	1,2,4-Trichlorobenzene	0.306	0.326	-6.5	93	0.00
88	t	Hexachlorobutadiene	0.196	0.196	0.0	93	0.00
89	t	Naphthalene	0.472	0.461	2.3	87	0.00
90	t	1,2,3-Trichlorobenzene	0.254	0.255	-0.4	90	0.00

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