Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022723\
Data File : VU053161.D
Acq On : 27 Feb 2023 19:55
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 28 04:22:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U022723DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 28 03:35:42 2023
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	89	0.00
2	T	Dichlorodifluoromethane	0.254	0.268	-5.5	90	0.00
3	t	Chloromethane	0.262	0.265	-1.1	94	0.00
4	Rt	Vinyl Chloride	0.278	0.298	-7.2	91	0.00
5	T	Bromomethane	0.159	0.176	-10.7	96	0.00
6	T	Chloroethane	0.169	0.184	-8.9	92	0.00
7	T	Trichlorofluoromethane	0.401	0.401	0.0	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.251	0.251	0.0	85	0.00
9	Rt	1,1-Dichloroethene	0.218	0.230	-5.5	90	0.00
10	t	Iodomethane	0.224	0.255	-13.8	87	0.00
11	t	Allyl Chloride	0.340	0.316	7.1	81	0.00
12	t	Acrylonitrile	0.056	0.063	-12.5	102	0.00
13	T	Acetone	0.080	0.042	47.5#	57	0.02
14	T	Carbon Disulfide	0.499	0.513	-2.8	89	0.00
15	RT	Methylene Chloride	0.311	0.302	2.9	97	0.00
16	RT	trans-1,2-Dichloroethene	0.239	0.243	-1.7	89	0.00
17	t	1,1-Dichloroethane	0.524	0.547	-4.4	91	0.00
18	T	2-Butanone	0.096	0.074	22.9	78	0.00
19		Cyclohexane	0.418	0.392	6.2	83	0.00
20		Methylcyclohexane	0.401	0.408	-1.7	88	0.00
21	T	2,2-Dichloropropane	0.459	0.454	1.1	88	0.00
22	RT	cis-1,2-Dichloroethene	0.295	0.308	-4.4	93	0.00
23	t	Diethyl Ether	0.178	0.192	-7.9	93	0.00
24	t	tert-Butyl Alcohol	0.021	0.025	-19.0	109	0.05
25	t	Methyl tert-Butyl Ether	0.633	0.697	-10.1	96	0.00
26	t	Bromochloromethane	0.114	0.121	-6.1	100	0.00
27	t	Chloroform	0.539	0.555	-3.0	93	0.00
28	RT	1,1,1-Trichloroethane	0.453	0.452	0.2	89	0.00
29	T	1,1-Dichloropropene	0.340	0.341	-0.3	90	0.00
30	RT	Carbon Tetrachloride	0.312	0.320	-2.6	87	0.00
31	t	Isopropyl Ether	0.835	0.858	-2.8	90	0.00
32		Ethyl-t-butyl ether	0.792	0.842	-6.3	93	0.00
33		Tert-Amyl methyl ether	0.628	0.685	-9.1	94	0.00
34	t	Propionitrile	0.022	0.025	-13.6	110	0.01
35	RT	Benzene	1.002	1.061	-5.9	93	0.00
36	RT	1,2-Dichloroethane	0.300	0.318	-6.0	95	0.00
37	RT	Trichloroethene	0.230	0.247	-7.4	92	0.00
38	Rt	1,2-Dichloropropane	0.290	0.318	-9.7	94	0.00
39	t	Methacrylonitrile	0.095	0.093	2.1	91	0.00
40	t	Methyl acrylate	0.147	0.168	-14.3	101	0.00
41	t	Tetrahydrofuran	0.047	0.047	0.0	97	0.00
42	t	1-Chlorobutane	0.473	0.476	-0.6	88	0.00
43	T	Dibromomethane	0.128	0.139	-8.6	95	0.00
44	T	Bromodichloromethane	0.351	0.386	-10.0	92	0.00
45	T	4-Methyl-2-Pentanone	0.157	0.176	-12.1	98	0.00
46	t	t-1,4-Dichloro-2-butene	0.079	0.085	-7.6	98	0.00
47	t	Methyl methacrylate	0.132	0.151	-14.4	98	0.00
48	t	Ethyl methacrylate	0.271	0.306	-12.9	95	0.00
49	Rt	Toluene	0.617	0.663	-7.5	90	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.341	0.381	-11.7	94	0.00
51	T	cis-1,3-Dichloropropene	0.414	0.454	-9.7	92	0.00
52	RT	1,1,2-Trichloroethane	0.189	0.215	-13.8	96	0.00
53	t	1,3-Dichloropropane	0.338	0.376	-11.2	96	0.00
54	t	2-Hexanone	0.134	0.124	7.5	91	0.00
55	t	Dibromochloromethane	0.215	0.242	-12.6	95	0.00
56	T	1,2-Dibromoethane	0.168	0.194	-15.5	98	0.00
57	S	4-Bromofluorobenzene	0.422	0.432	-2.4	91	0.00
58	RT	Tetrachloroethene	0.183	0.193	-5.5	92	0.00
59	Rt	Chlorobenzene	0.690	0.765	-10.9	94	0.00
60	T	1,1,1,2-Tetrachloroethane	0.228	0.258	-13.2	94	0.00
61	t	Pentachloroethane	0.198	0.221	-11.6	92	0.00
62	t	Hexachloroethane	0.218	0.231	-6.0	86	0.00
63	Rt	Ethyl Benzene	1.274	1.366	-7.2	89	0.00
64	RT	m/p-Xylenes	0.462	0.509	-10.2	92	0.00
65	RT	o-Xylene	0.472	0.518	-9.7	93	0.00
66	RT	Styrene	0.748	0.856	-14.4	94	0.00
67	t	Bromoform	0.105	0.123	-17.1	96	0.00
68	S	1,2-Dichlorobenzene-d4	0.335	0.365	-9.0	96	0.00
69	T	Isopropylbenzene	1.263	1.365	-8.1	89	0.00
70	T	1,1,2,2-Tetrachloroethane	0.254	0.290	-14.2	96	0.00
71	T	1,2,3-Trichloropropane	0.219	0.232	-5.9	94	0.00
72	t	Bromobenzene	0.245	0.277	-13.1	94	0.00
73	t	n-propylbenzene	0.335	0.360	-7.5	88	0.00
74	t	2-Chlorotoluene	0.278	0.306	-10.1	93	0.00
75	t	1,3,5-Trimethylbenzene	1.051	1.140	-8.5	90	0.00
76	t	4-Chlorotoluene	0.292	0.316	-8.2	93	0.00
77	t	tert-Butylbenzene	1.030	1.106	-7.4	89	0.00
78	t	1,2,4-Trimethylbenzene	1.071	1.170	-9.2	91	0.00
79	t	sec-Butylbenzene	1.430	1.535	-7.3	88	0.00
80		Nitrobenzene	0.013	0.013	0.0	89	0.00
81	t	p-Isopropyltoluene	1.132	1.200	-6.0	87	0.00
82	t	1,3-Dichlorobenzene	0.538	0.603	-12.1	93	0.00
83	Rt	1,4-Dichlorobenzene	0.549	0.599	-9.1	91	0.00
84	t	n-Butylbenzene	1.173	1.269	-8.2	87	0.00
85	Rt	1,2-Dichlorobenzene	0.513	0.576	-12.3	94	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.040	0.051	-27.5	96	0.00
87	Rt	1,2,4-Trichlorobenzene	0.315	0.362	-14.9	93	0.00
88	t	Hexachlorobutadiene	0.154	0.164	-6.5	88	0.00
89	t	Naphthalene	0.670	0.780	-16.4	96	0.00
90	t	1,2,3-Trichlorobenzene	0.277	0.315	-13.7	93	0.00

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