Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020923\
Data File : VU053027.D
Acq On : 09 Feb 2023 19:54
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Feb 10 01:24:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jan 24 05:16:59 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	79	0.00
2	T	Dichlorodifluoromethane	0.338	0.260	23.1	59	0.00
3	t	Chloromethane	0.321	0.257	19.9	66	0.00
4	Rt	Vinyl Chloride	0.310	0.299	3.5	75	0.00
5	T	Bromomethane	0.161	0.167	-3.7	78	0.00
6	T	Chloroethane	0.187	0.178	4.8	75	0.00
7	T	Trichlorofluoromethane	0.452	0.480	-6.2	83	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.247	0.256	-3.6	82	0.00
9	Rt	1,1-Dichloroethene	0.233	0.237	-1.7	79	0.00
10	t	Iodomethane	0.258	0.308	-19.4	83	0.00
11	t	Allyl Chloride	0.279	0.322	-15.4	89	0.00
12	t	Acrylonitrile	0.049	0.060	-22.4	91	0.00
13	T	Acetone	0.070	0.041	41.4#	50	0.00
14	T	Carbon Disulfide	0.782	0.692	11.5	70	0.00
15	RT	Methylene Chloride	0.282	0.271	3.9	84	0.00
16	RT	trans-1,2-Dichloroethene	0.260	0.260	0.0	79	0.00
17	t	1,1-Dichloroethane	0.438	0.516	-17.8	93	0.00
18	T	2-Butanone	0.082	0.071	13.4	71	0.00
19		Cyclohexane	0.386	0.404	-4.7	84	0.00
20		Methylcyclohexane	0.430	0.416	3.3	70	0.00
21	T	2,2-Dichloropropane	0.407	0.442	-8.6	87	0.00
22	RT	cis-1,2-Dichloroethene	0.271	0.296	-9.2	87	0.00
23	t	Diethyl Ether	0.165	0.204	-23.6	94	0.00
24	t	tert-Butyl Alcohol	0.020	0.022	-10.0	87	0.06
25	t	Methyl tert-Butyl Ether	0.535	0.676	-26.4	97	0.00
26	t	Bromochloromethane	0.127	0.120	5.5	77	0.00
27	t	Chloroform	0.470	0.523	-11.3	88	0.00
28	RT	1,1,1-Trichloroethane	0.434	0.465	-7.1	84	0.00
29	T	1,1-Dichloropropene	0.366	0.338	7.7	71	0.00
30	RT	Carbon Tetrachloride	0.394	0.338	14.2	66	0.00
31	t	Isopropyl Ether	0.630	0.782	-24.1	98	0.00
32		Ethyl-t-butyl ether	0.588	0.793	-34.9#	104	0.00
33		Tert-Amyl methyl ether	0.520	0.628	-20.8	90	0.00
34	t	Propionitrile	0.019	0.023	-21.1	96	0.01
35	RT	Benzene	1.062	0.954	10.2	69	0.00
36	RT	1,2-Dichloroethane	0.319	0.288	9.7	71	0.00
37	RT	Trichloroethene	0.289	0.235	18.7	62	0.00
38	Rt	1,2-Dichloropropane	0.269	0.264	1.9	75	0.00
39	t	Methacrylonitrile	0.075	0.091	-21.3	93	0.00
40	t	Methyl acrylate	0.132	0.178	-34.8#	99	0.00
41	t	Tetrahydrofuran	0.037	0.046	-24.3	101	0.00
42	t	1-Chlorobutane	0.468	0.466	0.4	78	0.00
43	T	Dibromomethane	0.136	0.129	5.1	74	0.00
44	T	Bromodichloromethane	0.370	0.345	6.8	73	0.00
45	T	4-Methyl-2-Pentanone	0.143	0.152	-6.3	75	0.00
46	t	t-1,4-Dichloro-2-butene	0.075	0.089	-18.7	93	0.00
47	t	Methyl methacrylate	0.121	0.135	-11.6	78	0.00
48	t	Ethyl methacrylate	0.220	0.278	-26.4	86	0.00
49	Rt	Toluene	0.645	0.596	7.6	68	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.323	0.343	-6.2	78	0.00
51	T	cis-1,3-Dichloropropene	0.379	0.405	-6.9	80	0.00
52	RT	1,1,2-Trichloroethane	0.194	0.182	6.2	72	0.00
53	t	1,3-Dichloropropane	0.335	0.322	3.9	73	0.00
54	t	2-Hexanone	0.125	0.109	12.8	63	0.00
55	t	Dibromochloromethane	0.254	0.220	13.4	67	0.00
56	T	1,2-Dibromoethane	0.185	0.172	7.0	71	0.00
57	S	4-Bromofluorobenzene	0.333	0.382	-14.7	86	0.00
58	RT	Tetrachloroethene	0.261	0.182	30.3#	54	0.00
59	Rt	Chlorobenzene	0.701	0.653	6.8	70	0.00
60	T	1,1,1,2-Tetrachloroethane	0.271	0.227	16.2	64	0.00
61	t	Pentachloroethane	0.222	0.207	6.8	71	0.00
62	t	Hexachloroethane	0.225	0.223	0.9	74	0.00
63	Rt	Ethyl Benzene	1.136	1.194	-5.1	73	0.00
64	RT	m/p-Xylenes	0.453	0.445	1.8	67	0.00
65	RT	o-Xylene	0.437	0.444	-1.6	71	0.00
66	RT	Styrene	0.699	0.733	-4.9	71	0.00
67	t	Bromoform	0.150	0.124	17.3	65	0.00
68	S	1,2-Dichlorobenzene-d4	0.342	0.336	1.8	72	0.00
69	T	Isopropylbenzene	1.112	1.181	-6.2	73	0.00
70	T	1,1,2,2-Tetrachloroethane	0.242	0.266	-9.9	83	0.00
71	T	1,2,3-Trichloropropane	0.209	0.169	19.1	61	0.00
72	t	Bromobenzene	0.283	0.248	12.4	65	0.00
73	t	n-propylbenzene	0.309	0.317	-2.6	69	0.00
74	t	2-Chlorotoluene	0.281	0.271	3.6	68	0.00
75	t	1,3,5-Trimethylbenzene	0.946	0.999	-5.6	71	0.00
76	t	4-Chlorotoluene	0.288	0.273	5.2	66	0.00
77	t	tert-Butylbenzene	0.967	0.982	-1.6	70	0.00
78	t	1,2,4-Trimethylbenzene	0.954	1.012	-6.1	71	0.00
79	t	sec-Butylbenzene	1.243	1.317	-6.0	72	0.00
80		Nitrobenzene	0.015	0.016	-6.7	82	0.00
81	t	p-Isopropyltoluene	1.046	1.046	0.0	66	0.00
82	t	1,3-Dichlorobenzene	0.577	0.510	11.6	65	0.00
83	Rt	1,4-Dichlorobenzene	0.579	0.504	13.0	63	0.00
84	t	n-Butylbenzene	0.913	1.028	-12.6	75	0.00
85	Rt	1,2-Dichlorobenzene	0.544	0.487	10.5	65	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.045	0.046	-2.2	80	0.00
87	Rt	1,2,4-Trichlorobenzene	0.326	0.312	4.3	66	0.00
88	t	Hexachlorobutadiene	0.229	0.158	31.0#	51	0.00
89	t	Naphthalene	0.633	0.655	-3.5	76	0.00
90	t	1,2,3-Trichlorobenzene	0.310	0.278	10.3	62	0.00

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