Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
Data File : VU052861.D
Acq On : 30 Jan 2023 10:47
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jan 31 07:33:17 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	88	0.00
2	T	Dichlorodifluoromethane	0.338	0.297	12.1	75	0.00
3	t	Chloromethane	0.321	0.202	37.1#	57	0.00
4	Rt	Vinyl Chloride	0.310	0.240	22.6	67	0.00
5	T	Bromomethane	0.161	0.184	-14.3	96	0.00
6	T	Chloroethane	0.187	0.203	-8.6	95	0.00
7	T	Trichlorofluoromethane	0.452	0.539	-19.2	104	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.247	0.294	-19.0	104	0.00
9	Rt	1,1-Dichloroethene	0.233	0.263	-12.9	97	0.00
10	t	Iodomethane	0.258	0.338	-31.0#	101	0.00
11	t	Allyl Chloride	0.279	0.331	-18.6	102	0.00
12	t	Acrylonitrile	0.049	0.060	-22.4	101	0.00
13	T	Acetone	0.070	0.088	-25.7	116	-0.02
14	T	Carbon Disulfide	0.782	0.754	3.6	84	0.00
15	RT	Methylene Chloride	0.282	0.302	-7.1	103	0.00
16	RT	trans-1,2-Dichloroethene	0.260	0.290	-11.5	97	0.00
17	t	1,1-Dichloroethane	0.438	0.538	-22.8	107	0.00
18	T	2-Butanone	0.082	0.104	-26.8	114	0.00
19		Cyclohexane	0.386	0.435	-12.7	100	0.00
20		Methylcyclohexane	0.430	0.457	-6.3	85	0.00
21	T	2,2-Dichloropropane	0.407	0.505	-24.1	110	0.00
22	RT	cis-1,2-Dichloroethene	0.271	0.324	-19.6	105	0.00
23	t	Diethyl Ether	0.165	0.191	-15.8	97	0.00
24	t	tert-Butyl Alcohol	0.020	0.022	-10.0	95	-0.06
25	t	Methyl tert-Butyl Ether	0.535	0.677	-26.5	108	0.00
26	t	Bromochloromethane	0.127	0.137	-7.9	97	0.00
27	t	Chloroform	0.470	0.582	-23.8	109	0.00
28	RT	1,1,1-Trichloroethane	0.434	0.550	-26.7	110	0.00
29	T	1,1-Dichloropropene	0.366	0.408	-11.5	96	0.00
30	RT	Carbon Tetrachloride	0.394	0.479	-21.6	103	0.00
31	t	Isopropyl Ether	0.630	0.768	-21.9	107	0.00
32		Ethyl-t-butyl ether	0.588	0.752	-27.9	109	0.00
33		Tert-Amyl methyl ether	0.520	0.618	-18.8	98	0.00
34	t	Propionitrile	0.019	0.023	-21.1	106	-0.02
35	RT	Benzene	1.062	1.175	-10.6	95	0.00
36	RT	1,2-Dichloroethane	0.319	0.371	-16.3	101	0.00
37	RT	Trichloroethene	0.289	0.313	-8.3	92	0.00
38	Rt	1,2-Dichloropropane	0.269	0.304	-13.0	95	0.00
39	t	Methacrylonitrile	0.075	0.092	-22.7	105	0.00
40	t	Methyl acrylate	0.132	0.150	-13.6	92	0.00
41	t	Tetrahydrofuran	0.037	0.044	-18.9	107	0.00
42	t	1-Chlorobutane	0.468	0.539	-15.2	100	0.00
43	T	Dibromomethane	0.136	0.150	-10.3	96	0.00
44	T	Bromodichloromethane	0.370	0.423	-14.3	99	0.00
45	T	4-Methyl-2-Pentanone	0.143	0.163	-14.0	90	0.00
46	t	t-1,4-Dichloro-2-butene	0.075	0.074	1.3	85	0.00
47	t	Methyl methacrylate	0.121	0.141	-16.5	90	0.00
48	t	Ethyl methacrylate	0.220	0.254	-15.5	87	0.00
49	Rt	Toluene	0.645	0.736	-14.1	93	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.323	0.364	-12.7	91	0.00
51	T	cis-1,3-Dichloropropene	0.379	0.423	-11.6	93	0.00
52	RT	1,1,2-Trichloroethane	0.194	0.220	-13.4	96	0.00
53	t	1,3-Dichloropropane	0.335	0.376	-12.2	94	0.00
54	t	2-Hexanone	0.125	0.146	-16.8	93	0.00
55	t	Dibromochloromethane	0.254	0.287	-13.0	97	0.00
56	T	1,2-Dibromoethane	0.185	0.200	-8.1	92	0.00
57	S	4-Bromofluorobenzene	0.333	0.432	-29.7	108	0.00
58	RT	Tetrachloroethene	0.261	0.293	-12.3	96	0.00
59	Rt	Chlorobenzene	0.701	0.792	-13.0	94	0.00
60	T	1,1,1,2-Tetrachloroethane	0.271	0.313	-15.5	99	0.00
61	t	Pentachloroethane	0.222	0.246	-10.8	94	0.00
62	t	Hexachloroethane	0.225	0.259	-15.1	95	0.00
63	Rt	Ethyl Benzene	1.136	1.369	-20.5	93	0.00
64	RT	m/p-Xylenes	0.453	0.565	-24.7	94	0.00
65	RT	o-Xylene	0.437	0.537	-22.9	95	0.00
66	RT	Styrene	0.699	0.895	-28.0	96	0.00
67	t	Bromoform	0.150	0.162	-8.0	94	0.00
68	S	1,2-Dichlorobenzene-d4	0.342	0.408	-19.3	97	0.00
69	T	Isopropylbenzene	1.112	1.395	-25.4	95	0.00
70	T	1,1,2,2-Tetrachloroethane	0.242	0.275	-13.6	95	0.00
71	T	1,2,3-Trichloropropane	0.209	0.215	-2.9	85	0.00
72	t	Bromobenzene	0.283	0.331	-17.0	96	0.00
73	t	n-propylbenzene	0.309	0.402	-30.1#	97	0.00
74	t	2-Chlorotoluene	0.281	0.348	-23.8	97	0.00
75	t	1,3,5-Trimethylbenzene	0.946	1.248	-31.9#	98	0.00
76	t	4-Chlorotoluene	0.288	0.369	-28.1	99	0.00
77	t	tert-Butylbenzene	0.967	1.209	-25.0	96	0.00
78	t	1,2,4-Trimethylbenzene	0.954	1.267	-32.8#	98	0.00
79	t	sec-Butylbenzene	1.243	1.588	-27.8	96	0.00
80		Nitrobenzene	0.015	0.015	0.0	85	0.00
81	t	p-Isopropyltoluene	1.046	1.389	-32.8#	97	0.00
82	t	1,3-Dichlorobenzene	0.577	0.698	-21.0	98	0.00
83	Rt	1,4-Dichlorobenzene	0.579	0.731	-26.3	100	0.00
84	t	n-Butylbenzene	0.913	1.185	-29.8	95	0.00
85	Rt	1,2-Dichlorobenzene	0.544	0.664	-22.1	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.045	0.050	-11.1	96	0.00
87	Rt	1,2,4-Trichlorobenzene	0.326	0.388	-19.0	91	0.00
88	t	Hexachlorobutadiene	0.229	0.280	-22.3	101	0.00
89	t	Naphthalene	0.633	0.647	-2.2	83	0.00
90	t	1,2,3-Trichlorobenzene	0.310	0.377	-21.6	93	0.00

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