Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013023\
Data File : VU052870.D
Acq On : 30 Jan 2023 19:44
Operator : JC/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Jan 31 13:21:57 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	82	0.00
2	T	Dichlorodifluoromethane	0.338	0.286	15.4	67	0.00
3	t	Chloromethane	0.321	0.192	40.2#	51	0.00
4	Rt	Vinyl Chloride	0.310	0.215	30.6#	56	0.00
5	T	Bromomethane	0.161	0.155	3.7	75	0.00
6	T	Chloroethane	0.187	0.174	7.0	76	0.00
7	T	Trichlorofluoromethane	0.452	0.480	-6.2	86	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.247	0.278	-12.6	92	0.00
9	Rt	1,1-Dichloroethene	0.233	0.250	-7.3	86	0.00
10	t	Iodomethane	0.258	0.325	-26.0	91	0.00
11	t	Allyl Chloride	0.279	0.312	-11.8	89	0.00
12	t	Acrylonitrile	0.049	0.058	-18.4	90	0.00
13	T	Acetone	0.070	0.064	8.6	79	0.00
14	T	Carbon Disulfide	0.782	0.696	11.0	73	0.00
15	RT	Methylene Chloride	0.282	0.323	-14.5	103	0.00
16	RT	trans-1,2-Dichloroethene	0.260	0.277	-6.5	87	0.00
17	t	1,1-Dichloroethane	0.438	0.503	-14.8	94	0.00
18	T	2-Butanone	0.082	0.078	4.9	79	0.00
19		Cyclohexane	0.386	0.356	7.8	76	0.00
20		Methylcyclohexane	0.430	0.398	7.4	69	0.00
21	T	2,2-Dichloropropane	0.407	0.452	-11.1	92	0.00
22	RT	cis-1,2-Dichloroethene	0.271	0.301	-11.1	91	0.00
23	t	Diethyl Ether	0.165	0.184	-11.5	87	0.00
24	t	tert-Butyl Alcohol	0.020	0.025	-25.0	103	-0.02
25	t	Methyl tert-Butyl Ether	0.535	0.631	-17.9	94	0.00
26	t	Bromochloromethane	0.127	0.136	-7.1	90	0.00
27	t	Chloroform	0.470	0.566	-20.4	98	0.00
28	RT	1,1,1-Trichloroethane	0.434	0.521	-20.0	97	0.00
29	T	1,1-Dichloropropene	0.366	0.368	-0.5	81	0.00
30	RT	Carbon Tetrachloride	0.394	0.448	-13.7	90	0.00
31	t	Isopropyl Ether	0.630	0.699	-11.0	91	0.00
32		Ethyl-t-butyl ether	0.588	0.706	-20.1	95	0.00
33		Tert-Amyl methyl ether	0.520	0.569	-9.4	84	0.00
34	t	Propionitrile	0.019	0.023	-21.1	99	0.00
35	RT	Benzene	1.062	1.074	-1.1	81	0.00
36	RT	1,2-Dichloroethane	0.319	0.347	-8.8	88	0.00
37	RT	Trichloroethene	0.289	0.282	2.4	77	0.00
38	Rt	1,2-Dichloropropane	0.269	0.281	-4.5	82	0.00
39	t	Methacrylonitrile	0.075	0.082	-9.3	87	0.00
40	t	Methyl acrylate	0.132	0.139	-5.3	80	0.00
41	t	Tetrahydrofuran	0.037	0.040	-8.1	91	0.00
42	t	1-Chlorobutane	0.468	0.483	-3.2	84	0.00
43	T	Dibromomethane	0.136	0.144	-5.9	86	0.00
44	T	Bromodichloromethane	0.370	0.399	-7.8	88	0.00
45	T	4-Methyl-2-Pentanone	0.143	0.147	-2.8	76	0.00
46	t	t-1,4-Dichloro-2-butene	0.075	0.068	9.3	73	0.00
47	t	Methyl methacrylate	0.121	0.129	-6.6	77	0.00
48	t	Ethyl methacrylate	0.220	0.218	0.9	70	0.00
49	Rt	Toluene	0.645	0.664	-2.9	79	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.323	0.318	1.5	74	0.00
51	T	cis-1,3-Dichloropropene	0.379	0.363	4.2	74	0.00
52	RT	1,1,2-Trichloroethane	0.194	0.209	-7.7	85	0.00
53	t	1,3-Dichloropropane	0.335	0.342	-2.1	80	0.00
54	t	2-Hexanone	0.125	0.111	11.2	66	0.00
55	t	Dibromochloromethane	0.254	0.265	-4.3	83	0.00
56	T	1,2-Dibromoethane	0.185	0.188	-1.6	80	0.00
57	S	4-Bromofluorobenzene	0.333	0.354	-6.3	82	0.00
58	RT	Tetrachloroethene	0.261	0.267	-2.3	81	0.00
59	Rt	Chlorobenzene	0.701	0.699	0.3	77	0.00
60	T	1,1,1,2-Tetrachloroethane	0.271	0.287	-5.9	85	0.00
61	t	Pentachloroethane	0.222	0.209	5.9	75	0.00
62	t	Hexachloroethane	0.225	0.205	8.9	70	0.00
63	Rt	Ethyl Benzene	1.136	1.183	-4.1	75	0.00
64	RT	m/p-Xylenes	0.453	0.512	-13.0	80	0.00
65	RT	o-Xylene	0.437	0.468	-7.1	77	0.00
66	RT	Styrene	0.699	0.813	-16.3	81	0.00
67	t	Bromoform	0.150	0.155	-3.3	84	0.00
68	S	1,2-Dichlorobenzene-d4	0.342	0.373	-9.1	83	0.00
69	T	Isopropylbenzene	1.112	1.191	-7.1	76	0.00
70	T	1,1,2,2-Tetrachloroethane	0.242	0.253	-4.5	82	0.00
71	T	1,2,3-Trichloropropane	0.209	0.123	41.1#	46	0.00
72	t	Bromobenzene	0.283	0.301	-6.4	82	0.00
73	t	n-propylbenzene	0.309	0.357	-15.5	80	0.00
74	t	2-Chlorotoluene	0.281	0.320	-13.9	83	0.00
75	t	1,3,5-Trimethylbenzene	0.946	1.096	-15.9	80	0.00
76	t	4-Chlorotoluene	0.288	0.326	-13.2	81	0.00
77	t	tert-Butylbenzene	0.967	0.972	-0.5	72	0.00
78	t	1,2,4-Trimethylbenzene	0.954	1.018	-6.7	74	0.00
79	t	sec-Butylbenzene	1.243	1.250	-0.6	70	0.00
80		Nitrobenzene	0.015	0.012	20.0	63	0.00
81	t	p-Isopropyltoluene	1.046	1.118	-6.9	73	0.00
82	t	1,3-Dichlorobenzene	0.577	0.600	-4.0	79	0.00
83	Rt	1,4-Dichlorobenzene	0.579	0.602	-4.0	77	0.00
84	t	n-Butylbenzene	0.913	0.885	3.1	67	0.00
85	Rt	1,2-Dichlorobenzene	0.544	0.580	-6.6	80	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.045	0.040	11.1	70	0.00
87	Rt	1,2,4-Trichlorobenzene	0.326	0.330	-1.2	72	0.00
88	t	Hexachlorobutadiene	0.229	0.253	-10.5	85	0.00
89	t	Naphthalene	0.633	0.522	17.5	63	0.00
90	t	1,2,3-Trichlorobenzene	0.310	0.338	-9.0	78	0.00

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