Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
Data File : VU046646.D
Acq On : 30 Dec 2021 13:07
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU123021

Quant Time: Dec 31 07:23:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Dec 30 12:44:59 2021
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	0.383	0.237	38.1#	61	0.00
3	t	Chloromethane	0.339	0.257	24.2	75	0.00
4	Rt	Vinyl Chloride	0.364	0.289	20.6	76	0.00
5	T	Bromomethane	0.190	0.162	14.7	81	0.00
6	T	Chloroethane	0.216	0.183	15.3	84	0.00
7	T	Trichlorofluoromethane	0.510	0.450	11.8	87	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.284	0.264	7.0	93	0.00
9	Rt	1,1-Dichloroethene	0.267	0.247	7.5	90	0.00
10	t	Iodomethane	0.218	0.270	-23.9	93	0.00
11	t	Allyl Chloride	0.336	0.349	-3.9	98	0.00
12	t	Acrylonitrile	0.071	0.200	-181.7#	260#	0.00
13	T	Acetone	0.064	0.073	-14.1	121	0.00
14	T	Carbon Disulfide	0.852	0.631	25.9	73	0.00
15	RT	Methylene Chloride	0.343	0.315	8.2	101	0.00
16	RT	trans-1,2-Dichloroethene	0.279	0.274	1.8	92	0.00
17	t	1,1-Dichloroethane	0.520	0.551	-6.0	103	0.00
18	T	2-Butanone	0.096	0.098	-2.1	99	0.00
19		Cyclohexane	0.340	0.330	2.9	87	0.00
20		Methylcyclohexane	0.402	0.413	-2.7	89	0.00
21	T	2,2-Dichloropropane	0.443	0.447	-0.9	96	0.00
22	RT	cis-1,2-Dichloroethene	0.298	0.324	-8.7	100	0.00
23	t	Diethyl Ether	0.199	0.200	-0.5	99	0.00
24	t	tert-Butyl Alcohol	0.019	0.014	26.3	62	0.00
25	t	Methyl tert-Butyl Ether	0.645	0.777	-20.5	108	0.00
26	t	Bromochloromethane	0.148	0.127	14.2	84	0.00
27	t	Chloroform	0.577	0.594	-2.9	103	0.00
28	RT	1,1,1-Trichloroethane	0.498	0.503	-1.0	98	0.00
29	T	1,1-Dichloropropene	0.392	0.395	-0.8	91	0.00
30	RT	Carbon Tetrachloride	0.454	0.450	0.9	96	0.00
31	t	Isopropyl Ether	0.647	0.856	-32.3#	116	0.00
32		Ethyl-t-butyl ether	0.640	0.169	73.6#	23	-0.51#
33		Tert-Amyl methyl ether	0.616	0.059	90.4#	8#	-0.41
34	t	Propionitrile	0.028	0.067	-139.3#	234#	-0.01
35	RT	Benzene	1.119	1.163	-3.9	96	0.00
36	RT	1,2-Dichloroethane	0.384	0.405	-5.5	99	0.00
37	RT	Trichloroethene	0.286	0.286	0.0	95	0.00
38	Rt	1,2-Dichloropropane	0.296	0.323	-9.1	101	0.00
39	t	Methacrylonitrile	0.095	0.114	-20.0	106	0.00
40	t	Methyl acrylate	0.167	0.252	-50.9#	120	0.00
41	t	Tetrahydrofuran	0.048	0.154	-220.8#	263#	0.00
42	t	1-Chlorobutane	0.514	0.525	-2.1	91	0.00
43	T	Dibromomethane	0.175	0.193	-10.3	103	0.00
44	T	Bromodichloromethane	0.436	0.479	-9.9	106	0.00
45	T	4-Methyl-2-Pentanone	0.187	0.232	-24.1	106	0.00
46	t	t-1,4-Dichloro-2-butene	0.101	0.079	21.8	65	0.00
47	t	Methyl methacrylate	0.143	0.081	43.4#	47	0.00
48	t	Ethyl methacrylate	0.254	0.324	-27.6	104	0.00
49	Rt	Toluene	0.655	0.726	-10.8	94	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.376	0.444	-18.1	105	0.00
51	T	cis-1,3-Dichloropropene	0.414	0.509	-22.9	109	0.00
52	RT	1,1,2-Trichloroethane	0.244	0.266	-9.0	104	0.00
53	t	1,3-Dichloropropane	0.416	0.462	-11.1	103	0.00
54	t	2-Hexanone	0.137	0.168	-22.6	101	0.00
55	t	Dibromochloromethane	0.305	0.335	-9.8	104	0.00
56	T	1,2-Dibromoethane	0.232	0.253	-9.1	102	0.00
57	S	4-Bromofluorobenzene	0.356	0.514	-44.4#	129	0.00
58	RT	Tetrachloroethene	0.253	0.261	-3.2	98	0.00
59	Rt	Chlorobenzene	0.707	0.756	-6.9	96	0.00
60	T	1,1,1,2-Tetrachloroethane	0.297	0.316	-6.4	103	0.00
61	t	Pentachloroethane	0.247	0.263	-6.5	106	0.00
62	t	Hexachloroethane	0.248	0.267	-7.7	102	0.00
63	Rt	Ethyl Benzene	1.160	1.388	-19.7	97	0.00
64	RT	m/p-Xylenes	0.460	0.557	-21.1	98	0.00
65	RT	o-Xylene	0.435	0.527	-21.1	99	0.00
66	RT	Styrene	0.761	0.963	-26.5	100	0.00
67	t	Bromoform	0.183	0.212	-15.8	111	0.00
68	S	1,2-Dichlorobenzene-d4	0.385	0.392	-1.8	90	0.00
69	T	Isopropylbenzene	1.147	1.428	-24.5	103	0.00
70	T	1,1,2,2-Tetrachloroethane	0.326	0.360	-10.4	105	0.00
71	T	1,2,3-Trichloropropane	0.209	0.186	11.0	84	0.00
72	t	Bromobenzene	0.305	0.342	-12.1	101	0.00
73	t	n-propylbenzene	0.327	0.399	-22.0	101	0.00
74	t	2-Chlorotoluene	0.283	0.340	-20.1	102	0.00
75	t	1,3,5-Trimethylbenzene	0.981	1.279	-30.4#	103	0.00
76	t	4-Chlorotoluene	0.301	0.358	-18.9	100	0.00
77	t	tert-Butylbenzene	0.975	1.193	-22.4	101	0.00
78	t	1,2,4-Trimethylbenzene	1.000	1.273	-27.3	100	0.00
79	t	sec-Butylbenzene	1.321	1.653	-25.1	102	0.00
80		Nitrobenzene	0.013	0.004	69.2#	20	0.00
81	t	p-Isopropyltoluene	1.087	1.381	-27.0	101	0.00
82	t	1,3-Dichlorobenzene	0.625	0.706	-13.0	103	0.00
83	Rt	1,4-Dichlorobenzene	0.625	0.720	-15.2	103	0.00
84	t	n-Butylbenzene	1.040	1.303	-25.3	101	0.00
85	Rt	1,2-Dichlorobenzene	0.599	0.693	-15.7	105	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.060	0.071	-18.3	104	0.00
87	Rt	1,2,4-Trichlorobenzene	0.363	0.487	-34.2#	113	0.00
88	t	Hexachlorobutadiene	0.224	0.256	-14.3	109	0.00
89	t	Naphthalene	0.673	1.003	-49.0#	112	0.00
90	t	1,2,3-Trichlorobenzene	0.354	0.462	-30.5#	106	0.00

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