Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083121\
Data File : VU044540.D
Acq On : 31 Aug 2021 20:42
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU083121

Quant Time: Sep 01 01:30:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 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	106	0.00
2	T	Dichlorodifluoromethane	0.400	0.235	41.3#	56	0.00
3	t	Chloromethane	0.457	0.357	21.9	79	0.00
4	Rt	Vinyl Chloride	0.527	0.435	17.5	80	0.00
5	T	Bromomethane	0.423	0.338	20.1	79	0.00
6	T	Chloroethane	0.396	0.333	15.9	83	0.00
7	T	Trichlorofluoromethane	0.847	0.765	9.7	86	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.513	0.468	8.8	88	0.00
9	Rt	1,1-Dichloroethene	0.474	0.469	1.1	95	0.00
10	t	Iodomethane	0.572	0.581	-1.6	93	0.00
11	t	Allyl Chloride	0.541	0.548	-1.3	99	0.00
12	t	Acrylonitrile	0.086	0.261	-203.5#	285#	0.00
13	T	Acetone	0.050	0.058	-16.0	137	0.00
14	T	Carbon Disulfide	1.377	1.342	2.5	92	0.00
15	RT	Methylene Chloride	0.739	0.584	21.0	103	0.00
16	RT	trans-1,2-Dichloroethene	0.512	0.526	-2.7	98	0.00
17	t	1,1-Dichloroethane	0.862	0.896	-3.9	100	0.00
18	T	2-Butanone	0.093	0.112	-20.4	118	0.00
19		Cyclohexane	0.779	0.790	-1.4	96	0.00
20		Methylcyclohexane	0.453	0.469	-3.5	94	0.00
21	T	2,2-Dichloropropane	0.785	0.722	8.0	94	0.00
22	RT	cis-1,2-Dichloroethene	0.584	0.629	-7.7	103	0.00
23	t	Diethyl Ether	0.337	0.341	-1.2	96	0.00
24	t	tert-Butyl Alcohol	0.018	0.008	55.6#	42	0.00
25	t	Methyl tert-Butyl Ether	1.169	1.260	-7.8	105	0.00
26	t	Bromochloromethane	0.276	0.280	-1.4	99	0.00
27	t	Chloroform	1.006	1.029	-2.3	101	0.00
28	RT	1,1,1-Trichloroethane	0.861	0.892	-3.6	99	0.00
29	T	1,1-Dichloropropene	0.378	0.384	-1.6	99	0.00
30	RT	Carbon Tetrachloride	0.375	0.395	-5.3	99	0.00
31	t	Isopropyl Ether	1.216	1.311	-7.8	103	0.00
32		Ethyl-t-butyl ether	1.334	0.000	100.0#	0#	-4.52#
33		Tert-Amyl methyl ether	0.643	0.000	100.0#	0#	-5.96#
34	t	Propionitrile	0.026	0.084	-223.1#	311#	0.00
35	RT	Benzene	1.086	1.124	-3.5	99	0.00
36	RT	1,2-Dichloroethane	0.354	0.365	-3.1	99	0.00
37	RT	Trichloroethene	0.313	0.320	-2.2	98	0.00
38	Rt	1,2-Dichloropropane	0.274	0.286	-4.4	97	0.00
39	t	Methacrylonitrile	0.144	0.165	-14.6	112	0.00
40	t	Methyl acrylate	0.235	0.302	-28.5	130	0.00
41	t	Tetrahydrofuran	0.070	0.209	-198.6#	349#	0.00
42	t	1-Chlorobutane	0.487	0.503	-3.3	100	0.00
43	T	Dibromomethane	0.167	0.179	-7.2	102	0.00
44	T	Bromodichloromethane	0.387	0.414	-7.0	98	0.00
45	T	4-Methyl-2-Pentanone	0.171	0.179	-4.7	95	0.00
46	t	t-1,4-Dichloro-2-butene	0.072	0.057	20.8	68	0.00
47	t	Methyl methacrylate	0.139	0.071	48.9#	48	0.00
48	t	Ethyl methacrylate	0.282	0.301	-6.7	94	0.00
49	Rt	Toluene	0.717	0.770	-7.4	97	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.340	0.380	-11.8	97	0.00
51	T	cis-1,3-Dichloropropene	0.387	0.434	-12.1	98	0.00
52	RT	1,1,2-Trichloroethane	0.238	0.252	-5.9	97	0.00
53	t	1,3-Dichloropropane	0.409	0.418	-2.2	96	0.00
54	t	2-Hexanone	0.122	0.126	-3.3	92	0.00
55	t	Dibromochloromethane	0.270	0.287	-6.3	96	0.00
56	T	1,2-Dibromoethane	0.234	0.247	-5.6	96	0.00
57	S	4-Bromofluorobenzene	0.383	0.411	-7.3	102	0.00
58	RT	Tetrachloroethene	0.295	0.304	-3.1	98	0.00
59	Rt	Chlorobenzene	0.812	0.840	-3.4	95	0.00
60	T	1,1,1,2-Tetrachloroethane	0.291	0.304	-4.5	96	0.00
61	t	Pentachloroethane	0.231	0.257	-11.3	98	0.00
62	t	Hexachloroethane	0.232	0.264	-13.8	97	0.00
63	Rt	Ethyl Benzene	1.343	1.501	-11.8	98	0.00
64	RT	m/p-Xylenes	0.539	0.619	-14.8	99	0.00
65	RT	o-Xylene	0.522	0.590	-13.0	98	0.00
66	RT	Styrene	0.883	1.022	-15.7	97	0.00
67	t	Bromoform	0.152	0.169	-11.2	98	0.00
68	S	1,2-Dichlorobenzene-d4	0.444	0.469	-5.6	104	0.00
69	T	Isopropylbenzene	1.361	1.551	-14.0	99	0.00
70	T	1,1,2,2-Tetrachloroethane	0.321	0.328	-2.2	96	0.00
71	T	1,2,3-Trichloropropane	0.229	0.236	-3.1	101	0.00
72	t	Bromobenzene	0.349	0.380	-8.9	98	0.00
73	t	n-propylbenzene	0.380	0.438	-15.3	98	0.00
74	t	2-Chlorotoluene	0.341	0.386	-13.2	100	0.00
75	t	1,3,5-Trimethylbenzene	1.181	1.397	-18.3	99	0.00
76	t	4-Chlorotoluene	0.363	0.421	-16.0	100	0.00
77	t	tert-Butylbenzene	1.176	1.340	-13.9	98	0.00
78	t	1,2,4-Trimethylbenzene	1.205	1.394	-15.7	97	0.00
79	t	sec-Butylbenzene	1.595	1.829	-14.7	98	0.00
80		Nitrobenzene	0.007	0.002	71.4#	18#	0.00
81	t	p-Isopropyltoluene	1.308	1.536	-17.4	97	0.00
82	t	1,3-Dichlorobenzene	0.700	0.789	-12.7	100	0.00
83	Rt	1,4-Dichlorobenzene	0.705	0.806	-14.3	101	0.00
84	t	n-Butylbenzene	1.242	1.464	-17.9	96	0.00
85	Rt	1,2-Dichlorobenzene	0.703	0.777	-10.5	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.048	0.054	-12.5	92	0.00
87	Rt	1,2,4-Trichlorobenzene	0.440	0.518	-17.7	100	0.00
88	t	Hexachlorobutadiene	0.245	0.266	-8.6	99	0.00
89	t	Naphthalene	0.859	0.989	-15.1	99	0.00
90	t	1,2,3-Trichlorobenzene	0.426	0.489	-14.8	100	0.00

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