Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
Data File : VU053783.D
Acq On : 19 Apr 2023 15:05
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU041923

Quant Time: Apr 21 09:19:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 21 09:18:21 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	104	0.00
2	T	Dichlorodifluoromethane	0.303	0.267	11.9	89	0.00
3	t	Chloromethane	0.273	0.311	-13.9	124	0.00
4	Rt	Vinyl Chloride	0.316	0.370	-17.1	119	0.00
5	T	Bromomethane	0.237	0.258	-8.9	128	0.00
6	T	Chloroethane	0.202	0.229	-13.4	117	0.00
7	T	Trichlorofluoromethane	0.530	0.555	-4.7	108	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.345	0.337	2.3	98	0.00
9	Rt	1,1-Dichloroethene	0.283	0.315	-11.3	115	0.00
10	t	Iodomethane	0.308	0.390	-26.6	116	0.00
11	t	Allyl Chloride	0.336	0.395	-17.6	124	0.00
12	t	Acrylonitrile	0.071	0.166	-133.8#	244#	0.00
13	T	Acetone	0.099	0.064	35.4#	58	0.00
14	T	Carbon Disulfide	0.464	0.783	-68.8#	175	0.00
15	RT	Methylene Chloride	0.414	0.364	12.1	98	0.00
16	RT	trans-1,2-Dichloroethene	0.306	0.341	-11.4	115	0.00
17	t	1,1-Dichloroethane	0.630	0.645	-2.4	106	0.00
18	T	2-Butanone	0.128	0.085	33.6#	63	0.00
19		Cyclohexane	0.436	0.512	-17.4	123	0.00
20		Methylcyclohexane	0.391	0.493	-26.1	123	0.00
21	T	2,2-Dichloropropane	0.573	0.574	-0.2	103	0.00
22	RT	cis-1,2-Dichloroethene	0.382	0.406	-6.3	112	0.00
23	t	Diethyl Ether	0.208	0.205	1.4	98	0.00
24	t	tert-Butyl Alcohol	0.028	0.012	57.1#	41	0.00
25	t	Methyl tert-Butyl Ether	0.788	0.778	1.3	101	0.00
26	t	Bromochloromethane	0.169	0.133	21.3	82	0.00
27	t	Chloroform	0.681	0.670	1.6	102	0.00
28	RT	1,1,1-Trichloroethane	0.564	0.566	-0.4	101	0.00
29	T	1,1-Dichloropropene	0.359	0.401	-11.7	115	0.00
30	RT	Carbon Tetrachloride	0.404	0.422	-4.5	106	0.00
31	t	Isopropyl Ether	0.911	0.904	0.8	103	0.00
32		Ethyl-t-butyl ether	0.922	0.012	98.7#	1#	0.15
33		Tert-Amyl methyl ether	0.674	0.019	97.2#	3#	-0.18
34	t	Propionitrile	0.029	0.051	-75.9#	204#	0.00
35	RT	Benzene	1.106	1.198	-8.3	109	0.00
36	RT	1,2-Dichloroethane	0.347	0.344	0.9	102	0.00
37	RT	Trichloroethene	0.314	0.329	-4.8	104	0.00
38	Rt	1,2-Dichloropropane	0.315	0.318	-1.0	102	0.00
39	t	Methacrylonitrile	0.114	0.093	18.4	95	0.00
40	t	Methyl acrylate	0.188	0.171	9.0	99	0.00
41	t	Tetrahydrofuran	0.057	0.121	-112.3#	253#	0.00
42	t	1-Chlorobutane	0.490	0.554	-13.1	116	0.00
43	T	Dibromomethane	0.160	0.169	-5.6	108	0.00
44	T	Bromodichloromethane	0.402	0.416	-3.5	103	0.00
45	T	4-Methyl-2-Pentanone	0.162	0.153	5.6	91	0.00
46	t	t-1,4-Dichloro-2-butene	0.067	0.071	-6.0	91	0.00
47	t	Methyl methacrylate	0.140	0.068	51.4#	48	0.00
48	t	Ethyl methacrylate	0.275	0.283	-2.9	100	0.00
49	Rt	Toluene	0.697	0.769	-10.3	108	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.362	0.398	-9.9	105	0.00
51	T	cis-1,3-Dichloropropene	0.432	0.470	-8.8	106	0.00
52	RT	1,1,2-Trichloroethane	0.253	0.243	4.0	98	0.00
53	t	1,3-Dichloropropane	0.397	0.407	-2.5	103	0.00
54	t	2-Hexanone	0.152	0.118	22.4	67	0.00
55	t	Dibromochloromethane	0.266	0.274	-3.0	99	0.00
56	T	1,2-Dibromoethane	0.218	0.234	-7.3	104	0.00
57	S	4-Bromofluorobenzene	0.392	0.425	-8.4	110	0.00
58	RT	Tetrachloroethene	0.304	0.324	-6.6	106	0.00
59	Rt	Chlorobenzene	0.867	0.866	0.1	98	0.00
60	T	1,1,1,2-Tetrachloroethane	0.313	0.314	-0.3	98	0.00
61	t	Pentachloroethane	0.241	0.253	-5.0	104	0.00
62	t	Hexachloroethane	0.235	0.257	-9.4	101	0.00
63	Rt	Ethyl Benzene	1.369	1.535	-12.1	105	0.00
64	RT	m/p-Xylenes	0.539	0.630	-16.9	108	0.00
65	RT	o-Xylene	0.544	0.603	-10.8	103	0.00
66	RT	Styrene	0.865	1.001	-15.7	104	0.00
67	t	Bromoform	0.138	0.149	-8.0	101	0.00
68	S	1,2-Dichlorobenzene-d4	0.466	0.501	-7.5	106	0.00
69	T	Isopropylbenzene	1.421	1.599	-12.5	104	0.00
70	T	1,1,2,2-Tetrachloroethane	0.326	0.314	3.7	98	0.00
71	T	1,2,3-Trichloropropane	0.235	0.192	18.3	90	0.00
72	t	Bromobenzene	0.365	0.372	-1.9	99	0.00
73	t	n-propylbenzene	0.394	0.458	-16.2	102	0.00
74	t	2-Chlorotoluene	0.373	0.404	-8.3	104	0.00
75	t	1,3,5-Trimethylbenzene	1.240	1.439	-16.0	105	0.00
76	t	4-Chlorotoluene	0.380	0.418	-10.0	99	0.00
77	t	tert-Butylbenzene	1.247	1.367	-9.6	100	0.00
78	t	1,2,4-Trimethylbenzene	1.265	1.446	-14.3	100	0.00
79	t	sec-Butylbenzene	1.677	1.889	-12.6	100	0.00
80		Nitrobenzene	0.010	0.002	80.0#	19#	0.00
81	t	p-Isopropyltoluene	1.374	1.592	-15.9	101	0.00
82	t	1,3-Dichlorobenzene	0.779	0.806	-3.5	98	0.00
83	Rt	1,4-Dichlorobenzene	0.777	0.840	-8.1	100	0.00
84	t	n-Butylbenzene	1.289	1.459	-13.2	98	0.00
85	Rt	1,2-Dichlorobenzene	0.762	0.771	-1.2	95	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.046	0.046	0.0	91	0.00
87	Rt	1,2,4-Trichlorobenzene	0.504	0.514	-2.0	96	0.00
88	t	Hexachlorobutadiene	0.269	0.271	-0.7	93	0.00
89	t	Naphthalene	0.883	0.906	-2.6	93	0.00
90	t	1,2,3-Trichlorobenzene	0.479	0.464	3.1	89	0.00

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