Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091123\
Data File : VU055231.D
Acq On : 11 Sep 2023 12:22
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU091123

Quant Time: Sep 21 05:14:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091123DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 21 05:13:10 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	102	0.00
2	T	Dichlorodifluoromethane	0.328	0.221	32.6#	72	0.00
3	t	Chloromethane	0.344	0.275	20.1	89	0.00
4	Rt	Vinyl Chloride	0.359	0.298	17.0	90	0.00
5	T	Bromomethane	0.286	0.230	19.6	96	0.00
6	T	Chloroethane	0.228	0.198	13.2	93	0.00
7	T	Trichlorofluoromethane	0.500	0.451	9.8	96	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.253	0.226	10.7	95	0.00
9	Rt	1,1-Dichloroethene	0.231	0.213	7.8	98	0.00
10	t	Iodomethane	0.292	0.298	-2.1	87	0.00
11	t	Allyl Chloride	0.287	0.304	-5.9	108	0.00
12	t	Acrylonitrile	0.044	0.114	-159.1#	264#	-0.02
13	T	Acetone	0.077	0.041	46.8#	51	-0.03
14	T	Carbon Disulfide	0.749	0.574	23.4	80	0.00
15	RT	Methylene Chloride	0.276	0.263	4.7	102	0.00
16	RT	trans-1,2-Dichloroethene	0.275	0.275	0.0	101	0.00
17	t	1,1-Dichloroethane	0.525	0.530	-1.0	104	0.00
18	T	2-Butanone	0.087	0.060	31.0#	59	-0.03
19		Cyclohexane	0.386	0.356	7.8	92	0.00
20		Methylcyclohexane	0.478	0.470	1.7	94	0.00
21	T	2,2-Dichloropropane	0.422	0.440	-4.3	104	0.00
22	RT	cis-1,2-Dichloroethene	0.354	0.329	7.1	110	0.00
23	t	Diethyl Ether	0.188	0.181	3.7	98	0.00
24	t	tert-Butyl Alcohol	0.015	0.007	53.3#	51	-0.10
25	t	Methyl tert-Butyl Ether	0.530	0.605	-14.2	110	-0.01
26	t	Bromochloromethane	0.128	0.078	39.1#	62	0.00
27	t	Chloroform	0.556	0.561	-0.9	106	0.00
28	RT	1,1,1-Trichloroethane	0.477	0.481	-0.8	104	0.00
29	T	1,1-Dichloropropene	0.395	0.400	-1.3	99	0.00
30	RT	Carbon Tetrachloride	0.414	0.411	0.7	101	0.00
31	t	Isopropyl Ether	0.687	0.782	-13.8	113	-0.01
32		Ethyl-t-butyl ether	0.663	0.000	100.0#	0#	-4.51#
33		Tert-Amyl methyl ether	0.584	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.016	0.036	-125.0#	209#	-0.04
35	RT	Benzene	1.169	1.204	-3.0	104	0.00
36	RT	1,2-Dichloroethane	0.327	0.332	-1.5	104	0.00
37	RT	Trichloroethene	0.343	0.321	6.4	102	0.00
38	Rt	1,2-Dichloropropane	0.307	0.313	-2.0	104	0.00
39	t	Methacrylonitrile	0.062	0.070	-12.9	104	0.00
40	t	Methyl acrylate	0.100	0.112	-12.0	96	-0.01
41	t	Tetrahydrofuran	0.035	0.092	-162.9#	276#	-0.02
42	t	1-Chlorobutane	0.509	0.545	-7.1	103	0.00
43	T	Dibromomethane	0.145	0.155	-6.9	109	0.00
44	T	Bromodichloromethane	0.375	0.409	-9.1	108	0.00
45	T	4-Methyl-2-Pentanone	0.137	0.146	-6.6	101	0.00
46	t	t-1,4-Dichloro-2-butene	0.051	0.037	27.5	63	0.00
47	t	Methyl methacrylate	0.111	0.061	45.0#	51	0.00
48	t	Ethyl methacrylate	0.215	0.252	-17.2	106	0.00
49	Rt	Toluene	0.707	0.773	-9.3	106	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.314	0.364	-15.9	109	0.00
51	T	cis-1,3-Dichloropropene	0.395	0.445	-12.7	108	0.00
52	RT	1,1,2-Trichloroethane	0.205	0.215	-4.9	106	0.00
53	t	1,3-Dichloropropane	0.347	0.374	-7.8	107	0.00
54	t	2-Hexanone	0.132	0.105	20.5	68	0.00
55	t	Dibromochloromethane	0.230	0.247	-7.4	106	0.00
56	T	1,2-Dibromoethane	0.186	0.202	-8.6	107	0.00
57	S	4-Bromofluorobenzene	0.388	0.420	-8.2	110	0.00
58	RT	Tetrachloroethene	0.369	0.378	-2.4	106	0.00
59	Rt	Chlorobenzene	0.793	0.814	-2.6	102	0.00
60	T	1,1,1,2-Tetrachloroethane	0.262	0.290	-10.7	109	0.00
61	t	Pentachloroethane	0.123	0.132	-7.3	112	0.00
62	t	Hexachloroethane	0.199	0.231	-16.1	107	0.00
63	Rt	Ethyl Benzene	1.334	1.516	-13.6	108	0.00
64	RT	m/p-Xylenes	0.517	0.604	-16.8	108	0.00
65	RT	o-Xylene	0.501	0.575	-14.8	109	0.00
66	RT	Styrene	0.781	0.945	-21.0	108	0.00
67	t	Bromoform	0.116	0.134	-15.5	112	0.00
68	S	1,2-Dichlorobenzene-d4	0.378	0.366	3.2	94	0.00
69	T	Isopropylbenzene	1.310	1.533	-17.0	111	0.00
70	T	1,1,2,2-Tetrachloroethane	0.208	0.222	-6.7	109	0.00
71	T	1,2,3-Trichloropropane	0.186	0.150	19.4	77	0.00
72	t	Bromobenzene	0.302	0.340	-12.6	108	0.00
73	t	n-propylbenzene	0.355	0.423	-19.2	108	0.00
74	t	2-Chlorotoluene	0.318	0.366	-15.1	109	0.00
75	t	1,3,5-Trimethylbenzene	1.125	1.368	-21.6	110	0.00
76	t	4-Chlorotoluene	0.326	0.381	-16.9	109	0.00
77	t	tert-Butylbenzene	0.995	1.189	-19.5	109	0.00
78	t	1,2,4-Trimethylbenzene	1.138	1.369	-20.3	106	0.00
79	t	sec-Butylbenzene	1.447	1.753	-21.1	109	0.00
80		Nitrobenzene	0.005	0.001	80.0#	24	0.00
81	t	p-Isopropyltoluene	1.165	1.447	-24.2	108	0.00
82	t	1,3-Dichlorobenzene	0.647	0.729	-12.7	108	0.00
83	Rt	1,4-Dichlorobenzene	0.634	0.728	-14.8	109	0.00
84	t	n-Butylbenzene	1.054	1.336	-26.8	108	0.00
85	Rt	1,2-Dichlorobenzene	0.594	0.661	-11.3	106	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.034	0.038	-11.8	105	0.00
87	Rt	1,2,4-Trichlorobenzene	0.339	0.435	-28.3	113	0.00
88	t	Hexachlorobutadiene	0.218	0.249	-14.2	111	0.00
89	t	Naphthalene	0.481	0.678	-41.0#	115	0.00
90	t	1,2,3-Trichlorobenzene	0.294	0.372	-26.5	111	0.00

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