Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
Data File : VU061138.D
Acq On : 16 Oct 2024 14:04
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101624

Quant Time: Oct 17 05:19:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 17 05:11:13 2024
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	97	0.00
2	T	Dichlorodifluoromethane	0.195	0.230	-17.9	112	0.00
3	t	Chloromethane	0.134	0.278	-107.5#	209#	0.00
4	Rt	Vinyl Chloride	0.157	0.322	-105.1#	189	0.00
5	T	Bromomethane	0.105	0.234	-122.9#	206#	0.00
6	T	Chloroethane	0.164	0.244	-48.8#	145	0.00
7	T	Trichlorofluoromethane	0.378	0.507	-34.1#	125	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.243	0.319	-31.3#	121	0.00
9	Rt	1,1-Dichloroethene	0.173	0.305	-76.3#	164	0.00
10	t	Iodomethane	0.156	0.313	-100.6#	177	0.00
11	t	Allyl Chloride	0.279	0.428	-53.4#	147	0.00
12	t	Acrylonitrile	0.070	0.175	-150.0#	231#	0.00
13	T	Acetone	0.106	0.072	32.1#	59	0.00
14	T	Carbon Disulfide	0.138	0.726	-426.1#	524#	0.00
15	RT	Methylene Chloride	0.297	0.365	-22.9	118	0.00
16	RT	trans-1,2-Dichloroethene	0.195	0.332	-70.3#	155	0.00
17	t	1,1-Dichloroethane	0.586	0.690	-17.7	109	0.00
18	T	2-Butanone	0.123	0.094	23.6	68	0.00
19		Cyclohexane	0.246	0.519	-111.0#	195	0.00
20		Methylcyclohexane	0.313	0.628	-100.6#	182	0.00
21	T	2,2-Dichloropropane	0.568	0.635	-11.8	103	0.00
22	RT	cis-1,2-Dichloroethene	0.331	0.443	-33.8#	124	0.00
23	t	Diethyl Ether	0.189	0.228	-20.6	113	0.00
24	t	tert-Butyl Alcohol	0.032	0.016	50.0#	41	0.00
25	t	Methyl tert-Butyl Ether	0.871	0.928	-6.5	98	0.00
26	t	Bromochloromethane	0.138	0.176	-27.5	117	0.00
27	t	Chloroform	0.704	0.744	-5.7	99	0.00
28	RT	1,1,1-Trichloroethane	0.557	0.645	-15.8	108	0.00
29	T	1,1-Dichloropropene	0.323	0.480	-48.6#	137	0.00
30	RT	Carbon Tetrachloride	0.430	0.545	-26.7	115	0.00
31	t	Isopropyl Ether	0.957	1.069	-11.7	103	0.00
32		Ethyl-t-butyl ether	1.013	0.000	100.0#	0#	-4.49#
33		Tert-Amyl methyl ether	0.941	0.000	100.0#	0#	-5.93#
34	t	Propionitrile	0.028	0.057	-103.6#	180	0.00
35	RT	Benzene	1.134	1.540	-35.8#	127	0.00
36	RT	1,2-Dichloroethane	0.391	0.431	-10.2	102	0.00
37	RT	Trichloroethene	0.314	0.376	-19.7	109	0.00
38	Rt	1,2-Dichloropropane	0.377	0.394	-4.5	95	0.00
39	t	Methacrylonitrile	0.097	0.104	-7.2	91	0.00
40	t	Methyl acrylate	0.176	0.194	-10.2	103	0.00
41	t	Tetrahydrofuran	0.054	0.137	-153.7#	251#	0.00
42	t	1-Chlorobutane	0.456	0.697	-52.9#	139	0.00
43	T	Dibromomethane	0.175	0.208	-18.9	108	0.00
44	T	Bromodichloromethane	0.532	0.564	-6.0	97	0.00
45	T	4-Methyl-2-Pentanone	0.230	0.223	3.0	87	0.00
46	t	t-1,4-Dichloro-2-butene	0.098	0.052	46.9#	48	0.00
47	t	Methyl methacrylate	0.179	0.098	45.3#	48	0.00
48	t	Ethyl methacrylate	0.374	0.415	-11.0	98	0.00
49	Rt	Toluene	0.771	0.996	-29.2	117	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.468	0.502	-7.3	95	0.00
51	T	cis-1,3-Dichloropropene	0.545	0.602	-10.5	100	0.00
52	RT	1,1,2-Trichloroethane	0.297	0.287	3.4	89	0.00
53	t	1,3-Dichloropropane	0.481	0.484	-0.6	93	0.00
54	t	2-Hexanone	0.202	0.164	18.8	72	0.00
55	t	Dibromochloromethane	0.359	0.363	-1.1	91	0.00
56	T	1,2-Dibromoethane	0.250	0.261	-4.4	97	0.00
57	S	4-Bromofluorobenzene	0.516	0.537	-4.1	101	0.00
58	RT	Tetrachloroethene	0.275	0.340	-23.6	114	0.00
59	Rt	Chlorobenzene	0.999	1.102	-10.3	99	0.00
60	T	1,1,1,2-Tetrachloroethane	0.390	0.368	5.6	86	0.00
61	t	Pentachloroethane	0.300	0.309	-3.0	91	0.00
62	t	Hexachloroethane	0.313	0.317	-1.3	86	0.00
63	Rt	Ethyl Benzene	1.707	1.988	-16.5	106	0.00
64	RT	m/p-Xylenes	0.635	0.753	-18.6	107	0.00
65	RT	o-Xylene	0.672	0.743	-10.6	100	0.00
66	RT	Styrene	1.071	1.231	-14.9	101	0.00
67	t	Bromoform	0.193	0.194	-0.5	89	0.00
68	S	1,2-Dichlorobenzene-d4	0.502	0.518	-3.2	97	0.00
69	T	Isopropylbenzene	1.826	1.976	-8.2	97	0.00
70	T	1,1,2,2-Tetrachloroethane	0.391	0.348	11.0	82	0.00
71	T	1,2,3-Trichloropropane	0.299	0.267	10.7	80	0.00
72	t	Bromobenzene	0.400	0.430	-7.5	97	0.00
73	t	n-propylbenzene	0.477	0.528	-10.7	95	0.00
74	t	2-Chlorotoluene	0.433	0.462	-6.7	96	0.00
75	t	1,3,5-Trimethylbenzene	1.533	1.667	-8.7	97	0.00
76	t	4-Chlorotoluene	0.439	0.466	-6.2	95	0.00
77	t	tert-Butylbenzene	1.596	1.677	-5.1	93	0.00
78	t	1,2,4-Trimethylbenzene	1.565	1.654	-5.7	92	0.00
79	t	sec-Butylbenzene	2.063	2.187	-6.0	94	0.00
80		Nitrobenzene	0.009	0.002	77.8#	17#	0.00
81	t	p-Isopropyltoluene	1.673	1.800	-7.6	93	0.00
82	t	1,3-Dichlorobenzene	0.842	0.876	-4.0	92	0.00
83	Rt	1,4-Dichlorobenzene	0.836	0.867	-3.7	92	0.00
84	t	n-Butylbenzene	1.611	1.738	-7.9	93	0.00
85	Rt	1,2-Dichlorobenzene	0.811	0.802	1.1	89	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.061	0.055	9.8	79	0.00
87	Rt	1,2,4-Trichlorobenzene	0.484	0.526	-8.7	89	0.00
88	t	Hexachlorobutadiene	0.269	0.260	3.3	86	0.00
89	t	Naphthalene	0.813	0.932	-14.6	92	0.00
90	t	1,2,3-Trichlorobenzene	0.410	0.445	-8.5	91	0.00

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