Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020524\
Data File : VU057810.D
Acq On : 05 Feb 2024 17:44
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU020524

Quant Time: Feb 06 03:19:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Feb 06 02:05:40 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	99	0.00
2	T	Dichlorodifluoromethane	0.327	0.197	39.8#	56	0.00
3	t	Chloromethane	0.314	0.245	22.0	75	0.00
4	Rt	Vinyl Chloride	0.324	0.277	14.5	80	0.00
5	T	Bromomethane	0.196	0.173	11.7	84	0.00
6	T	Chloroethane	0.209	0.201	3.8	88	0.00
7	T	Trichlorofluoromethane	0.491	0.447	9.0	82	0.02
8		1,1,2-Trichloro-1,2,2-trifl	0.245	0.253	-3.3	96	0.01
9	Rt	1,1-Dichloroethene	0.241	0.239	0.8	94	0.01
10	t	Iodomethane	0.387	0.369	4.7	92	0.01
11	t	Allyl Chloride	0.367	0.406	-10.6	103	0.00
12	t	Acrylonitrile	0.051	0.127	-149.0#	222#	0.00
13	T	Acetone	0.100	0.043	57.0#	43	0.00
14	T	Carbon Disulfide	0.769	0.718	6.6	89	0.01
15	RT	Methylene Chloride	0.309	0.286	7.4	98	0.00
16	RT	trans-1,2-Dichloroethene	0.261	0.261	0.0	94	0.00
17	t	1,1-Dichloroethane	0.525	0.545	-3.8	96	0.00
18	T	2-Butanone	0.100	0.066	34.0#	58	0.00
19		Cyclohexane	0.412	0.407	1.2	90	0.00
20		Methylcyclohexane	0.477	0.484	-1.5	93	0.00
21	T	2,2-Dichloropropane	0.473	0.461	2.5	90	0.00
22	RT	cis-1,2-Dichloroethene	0.288	0.308	-6.9	100	0.00
23	t	Diethyl Ether	0.186	0.180	3.2	91	0.00
24	t	tert-Butyl Alcohol	0.013	0.008	38.5#	71	0.00
25	t	Methyl tert-Butyl Ether	0.613	0.634	-3.4	96	0.00
26	t	Bromochloromethane	0.112	0.097	13.4	81	0.00
27	t	Chloroform	0.524	0.544	-3.8	96	0.00
28	RT	1,1,1-Trichloroethane	0.474	0.477	-0.6	95	0.00
29	T	1,1-Dichloropropene	0.390	0.402	-3.1	96	0.00
30	RT	Carbon Tetrachloride	0.406	0.422	-3.9	96	0.00
31	t	Isopropyl Ether	0.806	0.868	-7.7	98	0.00
32		Ethyl-t-butyl ether	0.793	0.000	100.0#	0#	-4.50#
33		Tert-Amyl methyl ether	0.664	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.019	0.040	-110.5#	195	0.00
35	RT	Benzene	1.116	1.154	-3.4	97	0.00
36	RT	1,2-Dichloroethane	0.326	0.336	-3.1	95	0.00
37	RT	Trichloroethene	0.287	0.292	-1.7	94	0.00
38	Rt	1,2-Dichloropropane	0.295	0.304	-3.1	95	0.00
39	t	Methacrylonitrile	0.081	0.090	-11.1	97	0.00
40	t	Methyl acrylate	0.135	0.149	-10.4	94	0.00
41	t	Tetrahydrofuran	0.040	0.106	-165.0#	238#	0.00
42	t	1-Chlorobutane	0.517	0.543	-5.0	97	0.00
43	T	Dibromomethane	0.136	0.148	-8.8	99	0.00
44	T	Bromodichloromethane	0.368	0.398	-8.2	99	0.00
45	T	4-Methyl-2-Pentanone	0.151	0.155	-2.6	92	0.00
46	t	t-1,4-Dichloro-2-butene	0.041	0.022	46.3#	56	0.00
47	t	Methyl methacrylate	0.124	0.065	47.6#	47	0.00
48	t	Ethyl methacrylate	0.249	0.268	-7.6	97	0.00
49	Rt	Toluene	0.675	0.722	-7.0	98	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.335	0.364	-8.7	97	0.00
51	T	cis-1,3-Dichloropropene	0.418	0.448	-7.2	98	0.00
52	RT	1,1,2-Trichloroethane	0.187	0.200	-7.0	98	0.00
53	t	1,3-Dichloropropane	0.339	0.353	-4.1	97	0.00
54	t	2-Hexanone	0.147	0.110	25.2	66	0.00
55	t	Dibromochloromethane	0.223	0.234	-4.9	95	0.00
56	T	1,2-Dibromoethane	0.175	0.189	-8.0	98	0.00
57	S	4-Bromofluorobenzene	0.367	0.368	-0.3	97	0.00
58	RT	Tetrachloroethene	0.249	0.260	-4.4	99	0.00
59	Rt	Chlorobenzene	0.742	0.746	-0.5	92	0.00
60	T	1,1,1,2-Tetrachloroethane	0.254	0.272	-7.1	96	0.00
61	t	Pentachloroethane	0.188	0.204	-8.5	95	0.00
62	t	Hexachloroethane	0.217	0.233	-7.4	94	0.00
63	Rt	Ethyl Benzene	1.335	1.432	-7.3	98	0.00
64	RT	m/p-Xylenes	0.489	0.534	-9.2	99	0.00
65	RT	o-Xylene	0.486	0.520	-7.0	98	0.00
66	RT	Styrene	0.751	0.848	-12.9	101	0.00
67	t	Bromoform	0.112	0.126	-12.5	97	0.00
68	S	1,2-Dichlorobenzene-d4	0.325	0.311	4.3	92	0.00
69	T	Isopropylbenzene	1.290	1.392	-7.9	98	0.00
70	T	1,1,2,2-Tetrachloroethane	0.225	0.238	-5.8	95	0.00
71	T	1,2,3-Trichloropropane	0.198	0.184	7.1	88	-0.02
72	t	Bromobenzene	0.276	0.296	-7.2	99	0.00
73	t	n-propylbenzene	0.336	0.369	-9.8	97	0.00
74	t	2-Chlorotoluene	0.294	0.317	-7.8	98	0.00
75	t	1,3,5-Trimethylbenzene	1.090	1.195	-9.6	98	0.00
76	t	4-Chlorotoluene	0.296	0.316	-6.8	95	0.00
77	t	tert-Butylbenzene	1.050	1.121	-6.8	95	0.00
78	t	1,2,4-Trimethylbenzene	1.102	1.177	-6.8	95	0.00
79	t	sec-Butylbenzene	1.387	1.503	-8.4	97	0.00
80		Nitrobenzene	0.006	0.002	66.7#	20	0.00
81	t	p-Isopropyltoluene	1.140	1.241	-8.9	96	0.00
82	t	1,3-Dichlorobenzene	0.552	0.582	-5.4	96	0.00
83	Rt	1,4-Dichlorobenzene	0.547	0.586	-7.1	98	0.00
84	t	n-Butylbenzene	1.088	1.182	-8.6	94	0.00
85	Rt	1,2-Dichlorobenzene	0.513	0.532	-3.7	95	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.038	0.040	-5.3	95	0.00
87	Rt	1,2,4-Trichlorobenzene	0.313	0.345	-10.2	95	0.00
88	t	Hexachlorobutadiene	0.196	0.195	0.5	88	0.00
89	t	Naphthalene	0.548	0.591	-7.8	95	0.00
90	t	1,2,3-Trichlorobenzene	0.269	0.293	-8.9	95	0.00

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