Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
Data File : VU051436.D
Acq On : 18 Oct 2022 11:50
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU101822

Quant Time: Oct 19 02:22:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 18 04:53:19 2022
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	74	0.00
2	T	Dichlorodifluoromethane	0.349	0.230	34.1#	47	0.00
3	t	Chloromethane	0.550	0.348	36.7#	52	-0.01
4	Rt	Vinyl Chloride	0.476	0.349	26.7	56	0.00
5	T	Bromomethane	0.266	0.195	26.7	57	0.00
6	T	Chloroethane	0.272	0.218	19.9	62	0.00
7	T	Trichlorofluoromethane	0.532	0.465	12.6	64	0.00
8		1,1,2-Trichloro-1,2,2-trifl	0.294	0.283	3.7	72	0.00
9	Rt	1,1-Dichloroethene	0.307	0.272	11.4	68	0.00
10	t	Iodomethane	0.398	0.322	19.1	60	0.00
11	t	Allyl Chloride	0.468	0.443	5.3	73	0.00
12	t	Acrylonitrile	0.090	0.258	-186.7#	217#	0.00
13	T	Acetone	0.065	0.069	-6.2	83	0.00
14	T	Carbon Disulfide	1.094	0.777	29.0	54	0.00
15	RT	Methylene Chloride	0.449	0.356	20.7	71	0.00
16	RT	trans-1,2-Dichloroethene	0.352	0.300	14.8	67	0.00
17	t	1,1-Dichloroethane	0.633	0.580	8.4	70	0.00
18	T	2-Butanone	0.079	0.097	-22.8	82	0.00
19		Cyclohexane	0.392	0.420	-7.1	67	0.00
20		Methylcyclohexane	0.389	0.414	-6.4	63	0.00
21	T	2,2-Dichloropropane	0.442	0.411	7.0	71	0.00
22	RT	cis-1,2-Dichloroethene	0.333	0.328	1.5	70	0.00
23	t	Diethyl Ether	0.268	0.245	8.6	69	0.00
24	t	tert-Butyl Alcohol	0.028	0.014	50.0#	39	0.00
25	t	Methyl tert-Butyl Ether	0.798	0.865	-8.4	81	0.00
26	t	Bromochloromethane	0.162	0.129	20.4	60	0.00
27	t	Chloroform	0.641	0.597	6.9	72	0.00
28	RT	1,1,1-Trichloroethane	0.511	0.479	6.3	71	0.00
29	T	1,1-Dichloropropene	0.392	0.395	-0.8	67	0.00
30	RT	Carbon Tetrachloride	0.432	0.408	5.6	71	0.00
31	t	Isopropyl Ether	0.748	0.877	-17.2	83	0.00
32		Ethyl-t-butyl ether	0.683	0.000	100.0#	0#	-4.51#
33		Tert-Amyl methyl ether	0.600	0.000	100.0#	0#	-5.94#
34	t	Propionitrile	0.027	0.070	-159.3#	177	0.00
35	RT	Benzene	1.315	1.269	3.5	70	0.00
36	RT	1,2-Dichloroethane	0.406	0.411	-1.2	77	0.00
37	RT	Trichloroethene	0.309	0.282	8.7	66	0.00
38	Rt	1,2-Dichloropropane	0.361	0.350	3.0	71	0.00
39	t	Methacrylonitrile	0.091	0.116	-27.5	84	0.00
40	t	Methyl acrylate	0.145	0.186	-28.3	85	0.00
41	t	Tetrahydrofuran	0.048	0.159	-231.3#	228#	0.00
42	t	1-Chlorobutane	0.535	0.571	-6.7	71	0.00
43	T	Dibromomethane	0.187	0.201	-7.5	81	0.00
44	T	Bromodichloromethane	0.453	0.456	-0.7	76	0.00
45	T	4-Methyl-2-Pentanone	0.178	0.241	-35.4#	84	0.00
46	t	t-1,4-Dichloro-2-butene	0.099	0.061	38.4#	45	0.00
47	t	Methyl methacrylate	0.143	0.086	39.9#	36	0.00
48	t	Ethyl methacrylate	0.240	0.309	-28.8	77	0.00
49	Rt	Toluene	0.721	0.771	-6.9	70	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	0.364	0.406	-11.5	76	0.00
51	T	cis-1,3-Dichloropropene	0.429	0.444	-3.5	72	0.00
52	RT	1,1,2-Trichloroethane	0.267	0.298	-11.6	82	0.00
53	t	1,3-Dichloropropane	0.431	0.485	-12.5	79	0.00
54	t	2-Hexanone	0.123	0.170	-38.2#	83	0.00
55	t	Dibromochloromethane	0.291	0.315	-8.2	79	0.00
56	T	1,2-Dibromoethane	0.235	0.274	-16.6	83	0.00
57	S	4-Bromofluorobenzene	0.351	0.439	-25.1	85	0.00
58	RT	Tetrachloroethene	0.269	0.255	5.2	68	0.00
59	Rt	Chlorobenzene	0.791	0.771	2.5	67	0.00
60	T	1,1,1,2-Tetrachloroethane	0.303	0.298	1.7	74	0.00
61	t	Pentachloroethane	0.270	0.287	-6.3	78	0.00
62	t	Hexachloroethane	0.257	0.252	1.9	71	0.00
63	Rt	Ethyl Benzene	1.200	1.319	-9.9	67	0.00
64	RT	m/p-Xylenes	0.478	0.572	-19.7	69	0.00
65	RT	o-Xylene	0.465	0.514	-10.5	67	0.00
66	RT	Styrene	0.772	0.922	-19.4	70	0.00
67	t	Bromoform	0.163	0.196	-20.2	85	0.00
68	S	1,2-Dichlorobenzene-d4	0.392	0.398	-1.5	72	0.00
69	T	Isopropylbenzene	1.146	1.405	-22.6	73	0.00
70	T	1,1,2,2-Tetrachloroethane	0.361	0.427	-18.3	85	0.00
71	T	1,2,3-Trichloropropane	0.269	0.298	-10.8	83	0.00
72	t	Bromobenzene	0.315	0.339	-7.6	72	0.00
73	t	n-propylbenzene	0.322	0.379	-17.7	67	0.00
74	t	2-Chlorotoluene	0.306	0.350	-14.4	71	0.00
75	t	1,3,5-Trimethylbenzene	1.038	1.289	-24.2	71	0.00
76	t	4-Chlorotoluene	0.313	0.360	-15.0	71	0.00
77	t	tert-Butylbenzene	1.014	1.142	-12.6	70	0.00
78	t	1,2,4-Trimethylbenzene	1.080	1.306	-20.9	69	0.00
79	t	sec-Butylbenzene	1.342	1.606	-19.7	71	0.00
80		Nitrobenzene	0.018	0.004	77.8#	14#	0.00
81	t	p-Isopropyltoluene	1.074	1.311	-22.1	69	0.00
82	t	1,3-Dichlorobenzene	0.676	0.699	-3.4	71	0.00
83	Rt	1,4-Dichlorobenzene	0.662	0.708	-6.9	70	0.00
84	t	n-Butylbenzene	1.065	1.181	-10.9	65	0.00
85	Rt	1,2-Dichlorobenzene	0.666	0.699	-5.0	72	0.00
86	t	1,2-Dibromo-3-Chloropropane	0.057	0.066	-15.8	83	0.00
87	Rt	1,2,4-Trichlorobenzene	0.361	0.396	-9.7	75	0.00
88	t	Hexachlorobutadiene	0.235	0.235	0.0	69	0.00
89	t	Naphthalene	0.755	0.876	-16.0	76	0.00
90	t	1,2,3-Trichlorobenzene	0.395	0.410	-3.8	72	0.00

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