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	Amount	Calc.	%Dev	Area%	Dev(min)
1	i	Fluorobenzene	1.000	1.000	0.0	97	0.00
2	T	Dichlorodifluoromethane	10.000	11.797	-18.0	112	0.00
3	t	Chloromethane	10.000	20.842	-108.4#	209	0.00
4	Rt	Vinyl Chloride	10.000	20.507	-105.1#	189	0.00
5	T	Bromomethane	10.000	22.226	-122.3#	206	0.00
6	T	Chloroethane	10.000	14.917	-49.2#	145	0.00
7	T	Trichlorofluoromethane	10.000	13.425	-34.3#	125	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	13.097	-31.0#	121	0.00
9	Rt	1,1-Dichloroethene	10.000	17.608	-76.1#	164	0.00
10	t	Iodomethane	10.000	19.983	-99.8#	177	0.00
11	t	Allyl Chloride	10.000	15.325	-53.3#	147	0.00
12	t	Acrylonitrile	20.000	50.052	-150.3#	231	0.00
13	T	Acetone	50.000	34.025	31.9#	59	0.00
14	T	Carbon Disulfide	10.000	52.572	-425.7#	524	0.00
15	RT	Methylene Chloride	10.000	12.272	-22.7	118	0.00
16	RT	trans-1,2-Dichloroethene	10.000	16.988	-69.9#	155	0.00
17	t	1,1-Dichloroethane	10.000	11.774	-17.7	109	0.00
18	T	2-Butanone	50.000	37.932	24.1	68	0.00
19		Cyclohexane	10.000	21.085	-110.9#	195	0.00
20		Methylcyclohexane	10.000	20.061	-100.6#	182	0.00
21	T	2,2-Dichloropropane	10.000	11.180	-11.8	103	0.00
22	RT	cis-1,2-Dichloroethene	10.000	13.384	-33.8#	124	0.00
23	t	Diethyl Ether	10.000	12.051	-20.5	113	0.00
24	t	tert-Butyl Alcohol	100.000	48.528	51.5#	41	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.663	-6.6	98	0.00
26	t	Bromochloromethane	10.000	12.756	-27.6	117	0.00
27	t	Chloroform	10.000	10.566	-5.7	99	0.00
28	RT	1,1,1-Trichloroethane	10.000	11.574	-15.7	108	0.00
29	T	1,1-Dichloropropene	10.000	14.851	-48.5#	137	0.00
30	RT	Carbon Tetrachloride	10.000	12.691	-26.9	115	0.00
31	t	Isopropyl Ether	10.000	11.165	-11.6	103	0.00
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.49#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.93#
34	t	Propionitrile	50.000	99.886	-99.8#	180	0.00
35	RT	Benzene	10.000	13.574	-35.7#	127	0.00
36	RT	1,2-Dichloroethane	10.000	11.034	-10.3	102	0.00
37	RT	Trichloroethene	10.000	11.971	-19.7	109	0.00
38	Rt	1,2-Dichloropropane	10.000	10.463	-4.6	95	0.00
39	t	Methacrylonitrile	10.000	10.636	-6.4	91	0.00
40	t	Methyl acrylate	10.000	10.998	-10.0	103	0.00
41	t	Tetrahydrofuran	20.000	51.009	-155.0#	251	0.00
42	t	1-Chlorobutane	10.000	15.283	-52.8#	139	0.00
43	T	Dibromomethane	10.000	11.862	-18.6	108	0.00
44	T	Bromodichloromethane	10.000	10.594	-5.9	97	0.00
45	T	4-Methyl-2-Pentanone	50.000	48.574	2.9	87	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.572	47.1#	48	0.00
47	t	Methyl methacrylate	20.000	10.945	45.3#	48	0.00
48	t	Ethyl methacrylate	10.000	11.088	-10.9	98	0.00
49	Rt	Toluene	10.000	12.924	-29.2	117	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.720	-7.2	95	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.048	-10.5	100	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.652	3.5	89	0.00
53	t	1,3-Dichloropropane	10.000	10.066	-0.7	93	0.00
54	t	2-Hexanone	50.000	40.646	18.7	72	0.00
55	t	Dibromochloromethane	10.000	10.128	-1.3	91	0.00
56	T	1,2-Dibromoethane	10.000	10.434	-4.3	97	0.00
57	S	4-Bromofluorobenzene	1.000	1.041	-4.1	101	0.00
58	RT	Tetrachloroethene	10.000	12.388	-23.9	114	0.00
59	Rt	Chlorobenzene	10.000	11.030	-10.3	99	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.452	5.5	86	0.00
61	t	Pentachloroethane	10.000	10.285	-2.9	91	0.00
62	t	Hexachloroethane	10.000	10.136	-1.4	86	0.00
63	Rt	Ethyl Benzene	10.000	11.646	-16.5	106	0.00
64	RT	m/p-Xylenes	20.000	23.716	-18.6	107	0.00
65	RT	o-Xylene	10.000	11.057	-10.6	100	0.00
66	RT	Styrene	10.000	11.501	-15.0	101	0.00
67	t	Bromoform	10.000	10.051	-0.5	89	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.031	-3.1	97	0.00
69	T	Isopropylbenzene	10.000	10.819	-8.2	97	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	8.895	11.1	82	0.00
71	T	1,2,3-Trichloropropane	10.000	8.938	10.6	80	0.00
72	t	Bromobenzene	10.000	10.758	-7.6	97	0.00
73	t	n-propylbenzene	10.000	11.075	-10.7	95	0.00
74	t	2-Chlorotoluene	10.000	10.655	-6.5	96	0.00
75	t	1,3,5-Trimethylbenzene	10.000	10.876	-8.8	97	0.00
76	t	4-Chlorotoluene	10.000	10.610	-6.1	95	0.00
77	t	tert-Butylbenzene	10.000	10.509	-5.1	93	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.566	-5.7	92	0.00
79	t	sec-Butylbenzene	10.000	10.601	-6.0	94	0.00
80		Nitrobenzene	50.000	11.920	76.2#	17	0.00
81	t	p-Isopropyltoluene	10.000	10.755	-7.6	93	0.00
82	t	1,3-Dichlorobenzene	10.000	10.406	-4.1	92	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.370	-3.7	92	0.00
84	t	n-Butylbenzene	10.000	10.790	-7.9	93	0.00
85	Rt	1,2-Dichlorobenzene	10.000	9.894	1.1	89	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.034	9.7	79	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.879	-8.8	89	0.00
88	t	Hexachlorobutadiene	10.000	9.674	3.3	86	0.00
89	t	Naphthalene	10.000	11.472	-14.7	92	0.00
90	t	1,2,3-Trichlorobenzene	10.000	10.862	-8.6	91	0.00

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