Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
Data File : VU059152.D
Acq On : 05 Jun 2024 15:13
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU060524

Quant Time: Jun 06 03:41:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 06 03:28:28 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	104	0.00
2	T	Dichlorodifluoromethane	10.000	6.114	38.9#	62	0.00
3	t	Chloromethane	10.000	7.761	22.4	82	0.00
4	Rt	Vinyl Chloride	10.000	8.176	18.2	86	0.00
5	T	Bromomethane	10.000	8.387	16.1	93	0.00
6	T	Chloroethane	10.000	8.462	15.4	93	0.00
7	T	Trichlorofluoromethane	10.000	8.039	19.6	90	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.913	0.9	106	0.00
9	Rt	1,1-Dichloroethene	10.000	9.638	3.6	101	0.00
10	t	Iodomethane	10.000	10.643	-6.4	96	0.00
11	t	Allyl Chloride	10.000	10.722	-7.2	110	0.00
12	t	Acrylonitrile	20.000	50.615	-153.1#	248	0.00
13	T	Acetone	50.000	32.129	35.7#	74	0.00
14	T	Carbon Disulfide	10.000	9.006	9.9	94	0.00
15	RT	Methylene Chloride	10.000	9.267	7.3	107	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.610	3.9	98	0.00
17	t	1,1-Dichloroethane	10.000	9.507	4.9	100	0.00
18	T	2-Butanone	50.000	37.801	24.4	82	0.00
19		Cyclohexane	10.000	10.232	-2.3	96	0.00
20		Methylcyclohexane	10.000	10.650	-6.5	98	0.00
21	T	2,2-Dichloropropane	10.000	9.942	0.6	101	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.836	-8.4	107	0.00
23	t	Diethyl Ether	10.000	8.685	13.1	94	0.00
24	t	tert-Butyl Alcohol	100.000	51.345	48.7#	61	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.470	-4.7	102	0.00
26	t	Bromochloromethane	10.000	10.767	-7.7	108	0.00
27	t	Chloroform	10.000	9.368	6.3	98	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.498	5.0	98	0.00
29	T	1,1-Dichloropropene	10.000	9.689	3.1	94	0.00
30	RT	Carbon Tetrachloride	10.000	9.670	3.3	99	0.00
31	t	Isopropyl Ether	10.000	11.494	-14.9	111	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	99.356	-98.7#	205	0.00
35	RT	Benzene	10.000	9.990	0.1	101	0.00
36	RT	1,2-Dichloroethane	10.000	9.114	8.9	93	0.00
37	RT	Trichloroethene	10.000	9.077	9.2	94	0.00
38	Rt	1,2-Dichloropropane	10.000	9.086	9.1	92	0.00
39	t	Methacrylonitrile	10.000	10.403	-4.0	98	0.00
40	t	Methyl acrylate	10.000	10.554	-5.5	100	0.00
41	t	Tetrahydrofuran	20.000	49.691	-148.5#	255	0.00
42	t	1-Chlorobutane	10.000	10.516	-5.2	101	0.00
43	T	Dibromomethane	10.000	10.108	-1.1	103	0.00
44	T	Bromodichloromethane	10.000	10.050	-0.5	102	0.00
45	T	4-Methyl-2-Pentanone	50.000	52.961	-5.9	103	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	10.563	47.2#	55	0.00
47	t	Methyl methacrylate	20.000	10.041	49.8#	46	0.00
48	t	Ethyl methacrylate	10.000	11.624	-16.2	104	0.00
49	Rt	Toluene	10.000	10.735	-7.3	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.332	-3.3	99	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.053	-0.5	98	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.409	5.9	100	0.00
53	t	1,3-Dichloropropane	10.000	9.487	5.1	96	0.00
54	t	2-Hexanone	50.000	43.026	13.9	99	0.00
55	t	Dibromochloromethane	10.000	9.968	0.3	101	0.00
56	T	1,2-Dibromoethane	10.000	9.527	4.7	98	0.00
57	S	4-Bromofluorobenzene	1.000	1.088	-8.8	110	0.00
58	RT	Tetrachloroethene	10.000	9.821	1.8	103	0.00
59	Rt	Chlorobenzene	10.000	10.336	-3.4	102	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.417	5.8	96	0.00
61	t	Pentachloroethane	10.000	10.059	-0.6	103	0.00
62	t	Hexachloroethane	10.000	10.217	-2.2	97	0.00
63	Rt	Ethyl Benzene	10.000	11.279	-12.8	103	0.00
64	RT	m/p-Xylenes	20.000	22.850	-14.3	102	0.00
65	RT	o-Xylene	10.000	10.925	-9.3	101	0.00
66	RT	Styrene	10.000	9.952	0.5	105	0.00
67	t	Bromoform	10.000	9.986	0.1	101	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.009	-0.9	107	0.00
69	T	Isopropylbenzene	10.000	11.446	-14.5	103	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.383	6.2	95	0.00
71	T	1,2,3-Trichloropropane	10.000	9.256	7.4	102	0.00
72	t	Bromobenzene	10.000	10.558	-5.6	102	0.00
73	t	n-propylbenzene	10.000	9.606	3.9	101	0.00
74	t	2-Chlorotoluene	10.000	10.899	-9.0	102	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.565	4.4	101	0.00
76	t	4-Chlorotoluene	10.000	10.923	-9.2	100	0.00
77	t	tert-Butylbenzene	10.000	11.335	-13.4	103	0.00
78	t	1,2,4-Trimethylbenzene	10.000	9.590	4.1	101	0.00
79	t	sec-Butylbenzene	10.000	9.732	2.7	102	0.00
80		Nitrobenzene	50.000	12.207	75.6#	20	0.00
81	t	p-Isopropyltoluene	10.000	9.764	2.4	101	0.00
82	t	1,3-Dichlorobenzene	10.000	10.453	-4.5	102	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.371	-3.7	99	0.00
84	t	n-Butylbenzene	10.000	10.058	-0.6	102	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.283	-2.8	99	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	9.932	0.7	92	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	12.252	-22.5	107	0.00
88	t	Hexachlorobutadiene	10.000	10.288	-2.9	97	0.00
89	t	Naphthalene	10.000	11.605	-16.1	101	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.896	-19.0	103	0.00

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