Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101724\
Data File : VU061153.D
Acq On : 17 Oct 2024 19:56
Operator : MD/SY
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Oct 18 04:11:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101724DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 18 02:52:28 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	98	0.00
2	T	Dichlorodifluoromethane	10.000	10.595	-6.0	97	0.00
3	t	Chloromethane	10.000	10.391	-3.9	99	0.00
4	Rt	Vinyl Chloride	10.000	10.787	-7.9	99	0.00
5	T	Bromomethane	10.000	10.535	-5.4	96	0.00
6	T	Chloroethane	10.000	10.777	-7.8	101	0.00
7	T	Trichlorofluoromethane	10.000	10.704	-7.0	100	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	10.618	-6.2	96	0.00
9	Rt	1,1-Dichloroethene	10.000	10.782	-7.8	97	0.00
10	t	Iodomethane	10.000	9.809	1.9	104	0.00
11	t	Allyl Chloride	10.000	10.516	-5.2	95	0.00
12	t	Acrylonitrile	20.000	21.731	-8.7	101	0.00
13	T	Acetone	50.000	36.961	26.1	63	0.00
14	T	Carbon Disulfide	10.000	10.511	-5.1	96	0.00
15	RT	Methylene Chloride	10.000	9.646	3.5	96	0.00
16	RT	trans-1,2-Dichloroethene	10.000	10.688	-6.9	97	0.00
17	t	1,1-Dichloroethane	10.000	10.838	-8.4	99	0.00
18	T	2-Butanone	50.000	44.920	10.2	79	0.00
19		Cyclohexane	10.000	10.670	-6.7	97	0.00
20		Methylcyclohexane	10.000	10.641	-6.4	93	0.00
21	T	2,2-Dichloropropane	10.000	9.775	2.2	90	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.793	-7.9	98	0.00
23	t	Diethyl Ether	10.000	10.602	-6.0	101	0.00
24	t	tert-Butyl Alcohol	100.000	96.950	3.0	101	0.00
25	t	Methyl tert-Butyl Ether	10.000	10.910	-9.1	101	0.00
26	t	Bromochloromethane	10.000	10.757	-7.6	100	0.00
27	t	Chloroform	10.000	10.771	-7.7	98	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.711	-7.1	96	0.00
29	T	1,1-Dichloropropene	10.000	10.763	-7.6	97	0.00
30	RT	Carbon Tetrachloride	10.000	10.844	-8.4	96	0.00
31	t	Isopropyl Ether	10.000	10.946	-9.5	99	0.00
32		Ethyl-t-butyl ether	10.000	10.944	-9.4	99	0.00
33		Tert-Amyl methyl ether	10.000	11.052	-10.5	100	0.00
34	t	Propionitrile	50.000	57.307	-14.6	99	0.00
35	RT	Benzene	10.000	10.944	-9.4	99	0.00
36	RT	1,2-Dichloroethane	10.000	10.999	-10.0	100	0.00
37	RT	Trichloroethene	10.000	10.712	-7.1	97	0.00
38	Rt	1,2-Dichloropropane	10.000	10.931	-9.3	98	0.00
39	t	Methacrylonitrile	10.000	11.906	-19.1	101	0.00
40	t	Methyl acrylate	10.000	10.997	-10.0	103	0.00
41	t	Tetrahydrofuran	20.000	21.438	-7.2	105	0.00
42	t	1-Chlorobutane	10.000	10.899	-9.0	96	0.00
43	T	Dibromomethane	10.000	10.844	-8.4	100	0.00
44	T	Bromodichloromethane	10.000	10.994	-9.9	100	0.00
45	T	4-Methyl-2-Pentanone	50.000	54.688	-9.4	99	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	22.501	-12.5	94	0.00
47	t	Methyl methacrylate	20.000	22.851	-14.3	101	0.00
48	t	Ethyl methacrylate	10.000	11.379	-13.8	101	0.00
49	Rt	Toluene	10.000	10.958	-9.6	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	10.953	-9.5	96	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.977	-9.8	96	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.878	-8.8	100	0.00
53	t	1,3-Dichloropropane	10.000	10.986	-9.9	100	0.00
54	t	2-Hexanone	50.000	46.792	6.4	81	0.00
55	t	Dibromochloromethane	10.000	11.349	-13.5	100	0.00
56	T	1,2-Dibromoethane	10.000	10.927	-9.3	99	0.00
57	S	4-Bromofluorobenzene	1.000	0.987	1.3	92	0.00
58	RT	Tetrachloroethene	10.000	10.646	-6.5	96	0.00
59	Rt	Chlorobenzene	10.000	10.879	-8.8	97	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	11.132	-11.3	100	0.00
61	t	Pentachloroethane	10.000	11.324	-13.2	98	0.00
62	t	Hexachloroethane	10.000	11.487	-14.9	98	0.00
63	Rt	Ethyl Benzene	10.000	10.902	-9.0	97	0.00
64	RT	m/p-Xylenes	20.000	21.907	-9.5	96	0.00
65	RT	o-Xylene	10.000	10.898	-9.0	96	0.00
66	RT	Styrene	10.000	11.330	-13.3	98	0.00
67	t	Bromoform	10.000	11.396	-14.0	98	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.040	-4.0	97	0.00
69	T	Isopropylbenzene	10.000	10.871	-8.7	96	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	11.212	-12.1	102	0.00
71	T	1,2,3-Trichloropropane	10.000	11.208	-12.1	104	0.00
72	t	Bromobenzene	10.000	10.852	-8.5	97	0.00
73	t	n-propylbenzene	10.000	11.031	-10.3	95	0.00
74	t	2-Chlorotoluene	10.000	10.972	-9.7	97	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.097	-11.0	97	0.00
76	t	4-Chlorotoluene	10.000	11.026	-10.3	96	0.00
77	t	tert-Butylbenzene	10.000	10.982	-9.8	96	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.010	-10.1	96	0.00
79	t	sec-Butylbenzene	10.000	11.091	-10.9	96	0.00
80		Nitrobenzene	50.000	45.413	9.2	89	0.00
81	t	p-Isopropyltoluene	10.000	11.002	-10.0	95	0.00
82	t	1,3-Dichlorobenzene	10.000	11.021	-10.2	96	0.00
83	Rt	1,4-Dichlorobenzene	10.000	11.053	-10.5	96	0.00
84	t	n-Butylbenzene	10.000	10.998	-10.0	93	0.00
85	Rt	1,2-Dichlorobenzene	10.000	11.074	-10.7	98	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	12.371	-23.7	101	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.531	-15.3	95	0.00
88	t	Hexachlorobutadiene	10.000	10.809	-8.1	94	0.00
89	t	Naphthalene	10.000	11.841	-18.4	100	0.00
90	t	1,2,3-Trichlorobenzene	10.000	11.541	-15.4	97	0.00

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