Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
Data File : VU060646.D
Acq On : 06 Sep 2024 17:09
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090624

Quant Time: Sep 07 01:39:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sat Sep 07 01:38:12 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	96	0.00
2	T	Dichlorodifluoromethane	10.000	4.252	57.5#	38	0.00
3	t	Chloromethane	10.000	6.102	39.0#	56	0.00
4	Rt	Vinyl Chloride	10.000	6.544	34.6#	59	0.00
5	T	Bromomethane	10.000	7.195	28.0	64	0.00
6	T	Chloroethane	10.000	7.277	27.2	67	0.00
7	T	Trichlorofluoromethane	10.000	7.490	25.1	69	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	8.751	12.5	80	0.00
9	Rt	1,1-Dichloroethene	10.000	8.425	15.7	76	0.00
10	t	Iodomethane	10.000	8.020	19.8	68	0.00
11	t	Allyl Chloride	10.000	9.496	5.0	83	0.00
12	t	Acrylonitrile	20.000	46.107	-130.5#	191	0.00
13	T	Acetone	50.000	26.081	47.8#	51	0.00
14	T	Carbon Disulfide	10.000	6.668	33.3#	60	0.00
15	RT	Methylene Chloride	10.000	7.416	25.8	79	0.00
16	RT	trans-1,2-Dichloroethene	10.000	8.412	15.9	74	0.00
17	t	1,1-Dichloroethane	10.000	9.212	7.9	82	0.00
18	T	2-Butanone	50.000	30.396	39.2#	55	0.00
19		Cyclohexane	10.000	8.296	17.0	66	0.00
20		Methylcyclohexane	10.000	7.556	24.4	70	0.00
21	T	2,2-Dichloropropane	10.000	9.356	6.4	81	0.00
22	RT	cis-1,2-Dichloroethene	10.000	9.874	1.3	85	0.00
23	t	Diethyl Ether	10.000	8.084	19.2	72	0.00
24	t	tert-Butyl Alcohol	100.000	50.465	49.5#	44	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.791	2.1	82	0.00
26	t	Bromochloromethane	10.000	9.351	6.5	83	0.00
27	t	Chloroform	10.000	9.230	7.7	85	0.00
28	RT	1,1,1-Trichloroethane	10.000	8.872	11.3	79	0.00
29	T	1,1-Dichloropropene	10.000	8.802	12.0	72	0.00
30	RT	Carbon Tetrachloride	10.000	8.912	10.9	79	0.00
31	t	Isopropyl Ether	10.000	11.294	-12.9	94	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	90.751	-81.5#	163	-0.01
35	RT	Benzene	10.000	9.240	7.6	80	0.00
36	RT	1,2-Dichloroethane	10.000	8.786	12.1	79	0.00
37	RT	Trichloroethene	10.000	8.325	16.8	75	0.00
38	Rt	1,2-Dichloropropane	10.000	8.887	11.1	77	0.00
39	t	Methacrylonitrile	10.000	8.923	10.8	84	0.00
40	t	Methyl acrylate	10.000	8.345	16.5	78	0.00
41	t	Tetrahydrofuran	20.000	44.488	-122.4#	203	0.00
42	t	1-Chlorobutane	10.000	9.654	3.5	81	0.00
43	T	Dibromomethane	10.000	9.230	7.7	83	0.00
44	T	Bromodichloromethane	10.000	9.816	1.8	87	0.00
45	T	4-Methyl-2-Pentanone	50.000	50.162	-0.3	83	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	14.626	26.9	65	0.00
47	t	Methyl methacrylate	20.000	8.539	57.3#	39	0.00
48	t	Ethyl methacrylate	10.000	8.974	10.3	83	0.00
49	Rt	Toluene	10.000	9.737	2.6	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	9.839	1.6	81	0.00
51	T	cis-1,3-Dichloropropene	10.000	9.373	6.3	79	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.312	6.9	82	0.00
53	t	1,3-Dichloropropane	10.000	9.311	6.9	80	0.00
54	t	2-Hexanone	50.000	34.034	31.9#	68	0.00
55	t	Dibromochloromethane	10.000	9.866	1.3	84	0.00
56	T	1,2-Dibromoethane	10.000	9.197	8.0	80	0.00
57	S	4-Bromofluorobenzene	1.000	1.112	-11.2	102	0.00
58	RT	Tetrachloroethene	10.000	8.891	11.1	77	0.00
59	Rt	Chlorobenzene	10.000	9.608	3.9	81	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	9.572	4.3	84	0.00
61	t	Pentachloroethane	10.000	9.778	2.2	87	0.00
62	t	Hexachloroethane	10.000	10.131	-1.3	86	0.00
63	Rt	Ethyl Benzene	10.000	8.948	10.5	82	0.00
64	RT	m/p-Xylenes	20.000	18.156	9.2	82	0.00
65	RT	o-Xylene	10.000	8.982	10.2	82	0.00
66	RT	Styrene	10.000	9.461	5.4	87	0.00
67	t	Bromoform	10.000	10.154	-1.5	86	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.091	-9.1	101	0.00
69	T	Isopropylbenzene	10.000	9.281	7.2	85	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.450	5.5	82	0.00
71	T	1,2,3-Trichloropropane	10.000	8.347	16.5	72	0.00
72	t	Bromobenzene	10.000	10.350	-3.5	86	0.00
73	t	n-propylbenzene	10.000	9.044	9.6	83	0.00
74	t	2-Chlorotoluene	10.000	9.273	7.3	85	0.00
75	t	1,3,5-Trimethylbenzene	10.000	9.166	8.3	84	0.00
76	t	4-Chlorotoluene	10.000	9.230	7.7	83	0.00
77	t	tert-Butylbenzene	10.000	9.273	7.3	86	0.00
78	t	1,2,4-Trimethylbenzene	10.000	8.914	10.9	81	0.00
79	t	sec-Butylbenzene	10.000	9.091	9.1	83	0.00
80		Nitrobenzene	50.000	12.012	76.0#	16	0.00
81	t	p-Isopropyltoluene	10.000	9.192	8.1	85	0.00
82	t	1,3-Dichlorobenzene	10.000	10.179	-1.8	84	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.082	-0.8	83	0.00
84	t	n-Butylbenzene	10.000	8.921	10.8	82	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.028	-0.3	82	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	8.794	12.1	83	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	9.603	4.0	90	0.00
88	t	Hexachlorobutadiene	10.000	9.415	5.9	80	0.00
89	t	Naphthalene	10.000	9.092	9.1	86	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.231	7.7	85	0.00

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