Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
Data File : VU053783.D
Acq On : 19 Apr 2023 15:05
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU041923

Quant Time: Apr 21 09:19:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 21 09:18:21 2023
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	8.807	11.9	89	0.00
3	t	Chloromethane	10.000	11.382	-13.8	124	0.00
4	Rt	Vinyl Chloride	10.000	11.723	-17.2	119	0.00
5	T	Bromomethane	10.000	10.868	-8.7	128	0.00
6	T	Chloroethane	10.000	11.313	-13.1	117	0.00
7	T	Trichlorofluoromethane	10.000	10.474	-4.7	108	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.772	2.3	98	0.00
9	Rt	1,1-Dichloroethene	10.000	11.158	-11.6	115	0.00
10	t	Iodomethane	10.000	12.665	-26.6	116	0.00
11	t	Allyl Chloride	10.000	11.776	-17.8	124	0.00
12	t	Acrylonitrile	20.000	46.949	-134.7#	244	0.00
13	T	Acetone	50.000	32.473	35.1#	58	0.00
14	T	Carbon Disulfide	10.000	16.880	-68.8#	175	0.00
15	RT	Methylene Chloride	10.000	8.790	12.1	98	0.00
16	RT	trans-1,2-Dichloroethene	10.000	11.153	-11.5	115	0.00
17	t	1,1-Dichloroethane	10.000	10.243	-2.4	106	0.00
18	T	2-Butanone	50.000	33.411	33.2#	63	0.00
19		Cyclohexane	10.000	11.746	-17.5	123	0.00
20		Methylcyclohexane	10.000	12.611	-26.1	123	0.00
21	T	2,2-Dichloropropane	10.000	10.029	-0.3	103	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.617	-6.2	112	0.00
23	t	Diethyl Ether	10.000	9.817	1.8	98	0.00
24	t	tert-Butyl Alcohol	100.000	42.006	58.0#	41	0.00
25	t	Methyl tert-Butyl Ether	10.000	9.871	1.3	101	0.00
26	t	Bromochloromethane	10.000	7.882	21.2	82	0.00
27	t	Chloroform	10.000	9.847	1.5	102	0.00
28	RT	1,1,1-Trichloroethane	10.000	10.037	-0.4	101	0.00
29	T	1,1-Dichloropropene	10.000	11.167	-11.7	115	0.00
30	RT	Carbon Tetrachloride	10.000	10.443	-4.4	106	0.00
31	t	Isopropyl Ether	10.000	9.920	0.8	103	0.00
32		Ethyl-t-butyl ether	10.000	0.128	98.7#	1	0.15
33		Tert-Amyl methyl ether	10.000	0.289	97.1#	3	-0.18
34	t	Propionitrile	50.000	89.084	-78.2#	204	0.00
35	RT	Benzene	10.000	10.838	-8.4	109	0.00
36	RT	1,2-Dichloroethane	10.000	9.899	1.0	102	0.00
37	RT	Trichloroethene	10.000	10.464	-4.6	104	0.00
38	Rt	1,2-Dichloropropane	10.000	10.115	-1.2	102	0.00
39	t	Methacrylonitrile	10.000	8.125	18.8	95	0.00
40	t	Methyl acrylate	10.000	9.047	9.5	99	0.00
41	t	Tetrahydrofuran	20.000	42.871	-114.4#	253	0.00
42	t	1-Chlorobutane	10.000	11.300	-13.0	116	0.00
43	T	Dibromomethane	10.000	10.566	-5.7	108	0.00
44	T	Bromodichloromethane	10.000	10.349	-3.5	103	0.00
45	T	4-Methyl-2-Pentanone	50.000	47.254	5.5	91	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	21.117	-5.6	91	0.00
47	t	Methyl methacrylate	20.000	9.748	51.3#	48	0.00
48	t	Ethyl methacrylate	10.000	10.282	-2.8	100	0.00
49	Rt	Toluene	10.000	11.038	-10.4	108	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.009	-10.1	105	0.00
51	T	cis-1,3-Dichloropropene	10.000	10.897	-9.0	106	0.00
52	RT	1,1,2-Trichloroethane	10.000	9.598	4.0	98	0.00
53	t	1,3-Dichloropropane	10.000	10.252	-2.5	103	0.00
54	t	2-Hexanone	50.000	38.670	22.7	67	0.00
55	t	Dibromochloromethane	10.000	10.304	-3.0	99	0.00
56	T	1,2-Dibromoethane	10.000	10.708	-7.1	104	0.00
57	S	4-Bromofluorobenzene	1.000	1.084	-8.4	110	0.00
58	RT	Tetrachloroethene	10.000	10.680	-6.8	106	0.00
59	Rt	Chlorobenzene	10.000	9.987	0.1	98	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.059	-0.6	98	0.00
61	t	Pentachloroethane	10.000	10.480	-4.8	104	0.00
62	t	Hexachloroethane	10.000	10.913	-9.1	101	0.00
63	Rt	Ethyl Benzene	10.000	11.218	-12.2	105	0.00
64	RT	m/p-Xylenes	20.000	23.380	-16.9	108	0.00
65	RT	o-Xylene	10.000	11.082	-10.8	103	0.00
66	RT	Styrene	10.000	11.581	-15.8	104	0.00
67	t	Bromoform	10.000	10.742	-7.4	101	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.074	-7.4	106	0.00
69	T	Isopropylbenzene	10.000	11.251	-12.5	104	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	9.622	3.8	98	0.00
71	T	1,2,3-Trichloropropane	10.000	8.164	18.4	90	0.00
72	t	Bromobenzene	10.000	10.195	-2.0	99	0.00
73	t	n-propylbenzene	10.000	11.626	-16.3	102	0.00
74	t	2-Chlorotoluene	10.000	10.851	-8.5	104	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.610	-16.1	105	0.00
76	t	4-Chlorotoluene	10.000	10.995	-9.9	99	0.00
77	t	tert-Butylbenzene	10.000	10.956	-9.6	100	0.00
78	t	1,2,4-Trimethylbenzene	10.000	11.430	-14.3	100	0.00
79	t	sec-Butylbenzene	10.000	11.264	-12.6	100	0.00
80		Nitrobenzene	50.000	9.897	80.2#	19	0.00
81	t	p-Isopropyltoluene	10.000	11.592	-15.9	101	0.00
82	t	1,3-Dichlorobenzene	10.000	10.347	-3.5	98	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.807	-8.1	100	0.00
84	t	n-Butylbenzene	10.000	9.644	3.6	98	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.119	-1.2	95	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	10.019	-0.2	91	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	10.201	-2.0	96	0.00
88	t	Hexachlorobutadiene	10.000	10.067	-0.7	93	0.00
89	t	Naphthalene	10.000	10.268	-2.7	93	0.00
90	t	1,2,3-Trichlorobenzene	10.000	9.679	3.2	89	0.00

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