Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
Data File : VU053469.D
Acq On : 29 Mar 2023 16:54
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU032923

Quant Time: Mar 30 11:12:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 30 11:12:17 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	92	0.00
2	T	Dichlorodifluoromethane	10.000	6.909	30.9#	59	0.00
3	t	Chloromethane	10.000	7.186	28.1	66	0.00
4	Rt	Vinyl Chloride	10.000	8.087	19.1	70	0.00
5	T	Bromomethane	10.000	9.294	7.1	82	0.00
6	T	Chloroethane	10.000	7.938	20.6	74	0.00
7	T	Trichlorofluoromethane	10.000	8.295	17.1	75	0.00
8		1,1,2-Trichloro-1,2,2-trifl	10.000	9.144	8.6	84	0.00
9	Rt	1,1-Dichloroethene	10.000	9.181	8.2	84	0.00
10	t	Iodomethane	10.000	8.234	17.7	75	0.00
11	t	Allyl Chloride	10.000	10.390	-3.9	88	0.00
12	t	Acrylonitrile	20.000	45.959	-129.8#	201	-0.01
13	T	Acetone	50.000	27.687	44.6#	52	-0.02
14	T	Carbon Disulfide	10.000	7.995	20.0	70	0.00
15	RT	Methylene Chloride	10.000	10.728	-7.3	98	0.00
16	RT	trans-1,2-Dichloroethene	10.000	9.732	2.7	85	0.00
17	t	1,1-Dichloroethane	10.000	9.944	0.6	84	0.00
18	T	2-Butanone	50.000	31.807	36.4#	54	-0.03
19		Cyclohexane	10.000	8.660	13.4	74	0.00
20		Methylcyclohexane	10.000	9.496	5.0	79	0.00
21	T	2,2-Dichloropropane	10.000	10.490	-4.9	87	0.00
22	RT	cis-1,2-Dichloroethene	10.000	10.473	-4.7	88	0.00
23	t	Diethyl Ether	10.000	8.756	12.4	78	0.00
24	t	tert-Butyl Alcohol	100.000	44.746	55.3#	39	-0.05
25	t	Methyl tert-Butyl Ether	10.000	10.563	-5.6	89	0.00
26	t	Bromochloromethane	10.000	7.260	27.4	62	0.00
27	t	Chloroform	10.000	10.010	-0.1	86	0.00
28	RT	1,1,1-Trichloroethane	10.000	9.983	0.2	83	0.00
29	T	1,1-Dichloropropene	10.000	9.926	0.7	83	0.00
30	RT	Carbon Tetrachloride	10.000	10.456	-4.6	84	0.00
31	t	Isopropyl Ether	10.000	10.358	-3.6	87	-0.01
32		Ethyl-t-butyl ether	10.000	0.000	100.0#	0	-4.51#
33		Tert-Amyl methyl ether	10.000	0.000	100.0#	0	-5.94#
34	t	Propionitrile	50.000	96.574	-93.1#	163	-0.03
35	RT	Benzene	10.000	9.974	0.3	84	0.00
36	RT	1,2-Dichloroethane	10.000	9.706	2.9	85	0.00
37	RT	Trichloroethene	10.000	10.105	-1.1	83	0.00
38	Rt	1,2-Dichloropropane	10.000	9.905	1.0	83	0.00
39	t	Methacrylonitrile	10.000	10.200	-2.0	88	-0.01
40	t	Methyl acrylate	10.000	10.235	-2.3	95	-0.02
41	t	Tetrahydrofuran	20.000	49.630	-148.2#	204	-0.02
42	t	1-Chlorobutane	10.000	10.004	-0.0	85	0.00
43	T	Dibromomethane	10.000	10.739	-7.4	89	0.00
44	T	Bromodichloromethane	10.000	10.731	-7.3	87	0.00
45	T	4-Methyl-2-Pentanone	50.000	49.655	0.7	82	0.00
46	t	t-1,4-Dichloro-2-butene	20.000	12.761	36.2#	51	0.00
47	t	Methyl methacrylate	20.000	9.956	50.2#	42	0.00
48	t	Ethyl methacrylate	10.000	10.705	-7.1	86	0.00
49	Rt	Toluene	10.000	10.291	-2.9	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
50	T	t-1,3-Dichloropropene	10.000	11.616	-16.2	91	0.00
51	T	cis-1,3-Dichloropropene	10.000	11.054	-10.5	88	0.00
52	RT	1,1,2-Trichloroethane	10.000	10.380	-3.8	88	0.00
53	t	1,3-Dichloropropane	10.000	10.407	-4.1	87	0.00
54	t	2-Hexanone	50.000	37.275	25.4	63	0.00
55	t	Dibromochloromethane	10.000	10.762	-7.6	84	0.00
56	T	1,2-Dibromoethane	10.000	10.566	-5.7	87	0.00
57	S	4-Bromofluorobenzene	1.000	1.019	-1.9	89	0.00
58	RT	Tetrachloroethene	10.000	10.438	-4.4	83	0.00
59	Rt	Chlorobenzene	10.000	9.982	0.2	82	0.00
60	T	1,1,1,2-Tetrachloroethane	10.000	10.949	-9.5	86	0.00
61	t	Pentachloroethane	10.000	10.640	-6.4	91	0.00
62	t	Hexachloroethane	10.000	9.533	4.7	84	0.00
63	Rt	Ethyl Benzene	10.000	10.579	-5.8	85	0.00
64	RT	m/p-Xylenes	20.000	21.638	-8.2	86	0.00
65	RT	o-Xylene	10.000	10.640	-6.4	86	0.00
66	RT	Styrene	10.000	11.244	-12.4	86	0.00
67	t	Bromoform	10.000	9.506	4.9	85	0.00
68	S	1,2-Dichlorobenzene-d4	1.000	1.032	-3.2	90	0.00
69	T	Isopropylbenzene	10.000	10.790	-7.9	86	0.00
70	T	1,1,2,2-Tetrachloroethane	10.000	10.372	-3.7	86	0.00
71	T	1,2,3-Trichloropropane	10.000	10.118	-1.2	102	0.00
72	t	Bromobenzene	10.000	10.817	-8.2	88	0.00
73	t	n-propylbenzene	10.000	11.271	-12.7	87	0.00
74	t	2-Chlorotoluene	10.000	10.723	-7.2	87	0.00
75	t	1,3,5-Trimethylbenzene	10.000	11.291	-12.9	89	0.00
76	t	4-Chlorotoluene	10.000	10.915	-9.1	88	0.00
77	t	tert-Butylbenzene	10.000	11.075	-10.7	89	0.00
78	t	1,2,4-Trimethylbenzene	10.000	10.916	-9.2	85	0.00
79	t	sec-Butylbenzene	10.000	11.156	-11.6	87	0.00
80		Nitrobenzene	50.000	15.583	68.8#	22	0.00
81	t	p-Isopropyltoluene	10.000	11.340	-13.4	87	0.00
82	t	1,3-Dichlorobenzene	10.000	10.633	-6.3	86	0.00
83	Rt	1,4-Dichlorobenzene	10.000	10.740	-7.4	88	0.00
84	t	n-Butylbenzene	10.000	11.651	-16.5	88	0.00
85	Rt	1,2-Dichlorobenzene	10.000	10.728	-7.3	88	0.00
86	t	1,2-Dibromo-3-Chloropropane	10.000	11.173	-11.7	90	0.00
87	Rt	1,2,4-Trichlorobenzene	10.000	11.694	-16.9	90	0.00
88	t	Hexachlorobutadiene	10.000	11.028	-10.3	86	0.00
89	t	Naphthalene	10.000	12.242	-22.4	93	0.00
90	t	1,2,3-Trichlorobenzene	10.000	12.205	-22.1	93	0.00

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