Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022720\
Data File : VU036931.D
Acq On : 27 Feb 2020 09:52
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05060

Quant Time: Feb 27 21:57:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 17:10:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	253050	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	241988	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	106908	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	98282	46.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.50%			
7) Chloroethane-d5	1.93	69	87381	49.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.59	63	172233	48.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.80%			
21) 2-Butanone-d5	4.67	46	149639	104.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.98%			
24) Chloroform-d	5.11	84	169570	52.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.50%			
26) 1,2-Dichloroethane-d4	5.74	65	111083	50.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.16%			
32) Benzene-d6	5.76	84	354035	50.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.18%			
36) 1,2-Dichloropropane-d6	6.73	67	114881	50.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.34%			
41) Toluene-d8	7.93	98	320224	49.32	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.64%			
43) trans-1,3-Dichloropropene-	8.20	79	51203	48.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.20%			
47) 2-Hexanone-d5	8.66	63	114263	103.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.08%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	166662	52.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.28%			
64) 1,2-Dichlorobenzene-d4	12.21	152	105532	50.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	117289	54.645	ug/L	99
3) Chloromethane	1.54	50	126005	51.027	ug/L	100
5) Vinyl chloride	1.62	62	134917	52.969	ug/L	100
6) Bromomethane	1.87	94	74485	56.996	ug/L	100
8) Chloroethane	1.95	64	81977	53.691	ug/L	98
9) Trichlorofluoromethane	2.16	101	145429	53.835	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	89677	55.494	ug/L	99
12) 1,1-Dichloroethene	2.61	96	85993	52.613	ug/L	83
13) Acetone	2.65	43	173760	118.510	ug/L	99
14) Carbon disulfide	2.82	76	265356	51.313	ug/L	99
15) Methyl Acetate	2.98	43	113051	50.586	ug/L	99
16) Methylene chloride	3.08	84	104238	52.288	ug/L	100
17) trans-1,2-Dichloroethene	3.39	96	91041	51.852	ug/L	99
18) Methyl tert-butyl Ether	3.40	73	292043	51.169	ug/L	100
19) 1,1-Dichloroethane	3.91	63	178291	52.259	ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	103322	52.628	ug/L	97
22) 2-Butanone	4.75	43	196275	111.012	ug/L	99

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05060

Quant Time: Feb 27 21:57:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 17:10:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	48051	54.045	ug/L	98
25) Chloroform	5.13	83	172668	52.453	ug/L	99
27) 1,2-Dichloroethane	5.83	62	141126	52.660	ug/L	98
29) Cyclohexane	5.43	56	164539	51.239	ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	135979	52.411	ug/L	98
31) Carbon tetrachloride	5.56	117	107425	52.826	ug/L	99
33) Benzene	5.81	78	403468	52.777	ug/L	100
34) Trichloroethene	6.57	95	99044	52.712	ug/L	97
35) Methylcyclohexane	6.80	83	174013	53.415	ug/L	99
37) 1,2-Dichloropropane	6.83	63	105742	51.371	ug/L	100
38) Bromodichloromethane	7.14	83	127538	52.491	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	164041	51.735	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	305472	100.714	ug/L	100
42) Toluene	8.00	91	432063	53.049	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	143690	52.240	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	96316	52.619	ug/L	99
46) Tetrachloroethene	8.58	164	66060	53.369	ug/L	98
48) 2-Hexanone	8.71	43	254426	105.118	ug/L	98
49) Dibromochloromethane	8.84	129	91677	52.767	ug/L	100
50) 1,2-Dibromoethane	8.95	107	100411	52.458	ug/L	99
51) Chlorobenzene	9.47	112	253246	52.477	ug/L	100
52) Ethylbenzene	9.59	91	458829	51.967	ug/L	99
53) m,p-Xylene	9.72	106	172171	53.160	ug/L	97
54) o-xylene	10.12	106	168644	52.209	ug/L	100
55) Styrene	10.13	104	283121	53.617	ug/L	98
56) Isopropylbenzene	10.50	105	434564	52.379	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	170178	52.004	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	136415	51.517	ug/L	100
61) Bromoform	10.31	173	62252	51.504	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	180040	51.913	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	179029	52.250	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	179017	51.698	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	35771	52.070	ug/L	96
67) 1,3,5-Trichlorobenzene	13.25	180	119509	54.290	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	88721	53.794	ug/L	99
69) Naphthalene	14.12	128	134075	46.052	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	86300	52.363	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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