Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100120\
Data File : VV018581.D
Acq On : 01 Oct 2020 09:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05096

Quant Time: Oct 01 23:34:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	364321	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	351737	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	189853	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	78572	36.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.54%			
7) Chloroethane-d5	1.58	69	73479	41.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.18%			
11) 1,1-Dichloroethene-d2	2.12	63	198912	45.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.38%			
21) 2-Butanone-d5	3.91	46	160811	100.90	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.90%			
24) Chloroform-d	4.37	84	206851	44.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.54%			
26) 1,2-Dichloroethane-d4	5.05	65	133381	45.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.94%			
32) Benzene-d6	5.07	84	389987	43.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.54%			
36) 1,2-Dichloropropane-d6	6.09	67	124081	46.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.18%			
41) Toluene-d8	7.33	98	361295	43.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.22%			
43) trans-1,3-Dichloropropene-	7.64	79	62037	42.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.32%			
47) 2-Hexanone-d5	8.11	63	105681	103.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.36%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	177087	49.62	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.24%			
64) 1,2-Dichlorobenzene-d4	11.65	152	166136	45.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	115084	46.457	ug/L	98
3) Chloromethane	1.25	50	126063	47.560	ug/L	99
5) Vinyl chloride	1.32	62	133388	47.864	ug/L	99
6) Bromomethane	1.53	94	96153	50.694	ug/L	97
8) Chloroethane	1.59	64	86526	50.384	ug/L	98
9) Trichlorofluoromethane	1.76	101	222205	52.462	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	121592	51.291	ug/L	99
12) 1,1-Dichloroethene	2.13	96	119606	52.591	ug/L	96
13) Acetone	2.19	43	130958	95.107	ug/L	100
14) Carbon disulfide	2.31	76	380163	51.601	ug/L	99
15) Methyl Acetate	2.44	43	131509	49.574	ug/L	99
16) Methylene chloride	2.52	84	133474	48.898	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	127480	48.986	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	398196	50.221	ug/L	100
19) 1,1-Dichloroethane	3.21	63	227151	49.852	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	138063	49.920	ug/L	100
22) 2-Butanone	3.99	43	176479	101.456	ug/L	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	73288	48.189 ug/L	99
25) Chloroform	4.40	83	237488	49.361 ug/L	97
27) 1,2-Dichloroethane	5.15	62	188560	50.281 ug/L	100
29) Cyclohexane	4.70	56	198229	49.413 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	215653	49.386 ug/L	99
31) Carbon tetrachloride	4.85	117	190025	48.488 ug/L	100
33) Benzene	5.12	78	511119	49.462 ug/L	100
34) Trichloroethene	5.94	95	147339	49.113 ug/L	97
35) Methylcyclohexane	6.15	83	184815	45.667 ug/L	99
37) 1,2-Dichloropropane	6.19	63	129915	49.002 ug/L	99
38) Bromodichloromethane	6.53	83	178295	50.216 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	200813	48.277 ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	357788	104.586 ug/L	100
42) Toluene	7.41	91	560988	50.183 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	199489	48.822 ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	129914	49.500 ug/L	98
46) Tetrachloroethene	8.00	164	117824	48.411 ug/L	98
48) 2-Hexanone	8.16	43	278973	104.515 ug/L	97
49) Dibromochloromethane	8.27	129	150008	49.972 ug/L	98
50) 1,2-Dibromoethane	8.37	107	140718	50.428 ug/L	99
51) Chlorobenzene	8.90	112	372231	49.221 ug/L	99
52) Ethylbenzene	9.03	91	621653	49.796 ug/L	100
53) m,p-Xylene	9.16	106	238535	49.441 ug/L	99
54) o-xylene	9.56	106	232302	50.857 ug/L	98
55) Styrene	9.58	104	407417	51.225 ug/L	96
56) Isopropylbenzene	9.95	105	606411	49.502 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	184243	49.804 ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	163334	50.649 ug/L	99
61) Bromoform	9.75	173	112161	51.431 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	309846	50.429 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	314804	49.756 ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	306224	50.379 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	42098	50.734 ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	198771	46.703 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	191878	48.449 ug/L	99
69) Naphthalene	13.52	128	596669	52.631 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	193592	48.693 ug/L	99

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

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