Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092120\
Data File : VX018520.D
Acq On : 22 Sep 2020 11:01
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD050409

Manual Integrations APPROVED
MMDadoda
10/6/2020 1:13:28 PM

Quant Time: Sep 23 01:50:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM092120WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 22 02:17:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	742529	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	710992	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	370299	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	244510	49.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.14%			
7) Chloroethane-d5	1.70	69	179459	48.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.30%			
11) 1,1-Dichloroethene-d2	2.34	63	506163	50.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.92%			
21) 2-Butanone-d5	4.53	46	325329	99.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.37%			
24) Chloroform-d	5.14	84	501742	53.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.26%			
26) 1,2-Dichloroethane-d4	6.03	65	350537	49.31	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.62%			
32) Benzene-d6	6.05	84	953784	51.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.46%			
36) 1,2-Dichloropropane-d6	7.37	67	297676	51.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.70%			
41) Toluene-d8	8.70	98	919648	50.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.98%			
43) trans-1,3-Dichloropropene-	8.99	79	169736	51.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.94%			
47) 2-Hexanone-d5	9.43	63	239079	100.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.20%			
56) 1,1,2,2-Tetrachloroethane-	11.23	84	382333	49.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.48%			
66) 1,2-Dichlorobenzene-d4	12.36	152	367159	51.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	313761	49.072	ug/L	99
3) Chloromethane	1.31	50	250155	51.247	ug/L	99
5) Vinyl chloride	1.39	62	269320	49.609	ug/L	98
6) Bromomethane	1.64	94	150846	52.137	ug/L	96
8) Chloroethane	1.72	64	153785	48.217	ug/L	97
9) Trichlorofluoromethane	1.92	101	456129	49.746	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	257819	51.720	ug/L	100
12) 1,1-Dichloroethene	2.36	96	230529	49.287	ug/L	97
13) Acetone	2.42	43	241565	100.311	ug/L	96
14) Carbon disulfide	2.55	76	702422	49.388	ug/L	99
15) Methyl Acetate	2.75	43	237657	46.506	ug/L #	90
16) Methylene chloride	2.84	84	251099	49.001	ug/L	96
17) trans-1,2-Dichloroethene	3.14	96	240018	48.766	ug/L	99
18) Methyl tert-butyl Ether	3.16	73	771881	48.682	ug/L	99
19) 1,1-Dichloroethane	3.67	63	450874	49.273	ug/L	99
20) cis-1,2-Dichloroethene	4.56	96	256308m	47.622	ug/L	
22) 2-Butanone	4.64	43	357247	97.703	ug/L	99

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Quant Title : VOC Analysis
QLast Update : Tue Sep 22 02:17:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.98	128	142572	48.140 ug/L	95
25) Chloroform	5.17	83	496388	48.523 ug/L	97
27) 1,2-Dichloroethane	6.16	62	399938	48.848 ug/L	98
29) Cyclohexane	5.54	56	390508	50.059 ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	459291	48.075 ug/L	99
31) Carbon tetrachloride	5.75	117	431243	49.970 ug/L	99
33) Benzene	6.11	78	983249	49.300 ug/L	100
34) Trichloroethene	7.18	95	277799	49.919 ug/L	97
35) Methylcyclohexane	7.44	83	415072	51.324 ug/L	99
37) 1,2-Dichloropropane	7.49	63	248157	47.147 ug/L	100
38) Bromodichloromethane	7.87	83	366010	48.430 ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	422590	49.737 ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	658914	94.384 ug/L	100
42) Toluene	8.76	91	1084850	50.631 ug/L	95
44) trans-1,3-Dichloropropene	9.02	75	428136	49.516 ug/L	96
45) 1,1,2-Trichloroethane	9.20	97	248006	48.642 ug/L	99
46) Tetrachloroethene	9.32	164	231953	50.647 ug/L	97
48) 2-Hexanone	9.47	43	534066	97.124 ug/L	99
49) Dibromochloromethane	9.56	129	307419	47.851 ug/L	96
50) 1,2-Dibromoethane	9.65	107	270028	48.155 ug/L	99
51) Chlorobenzene	10.12	112	701328	48.734 ug/L	98
52) Ethylbenzene	10.23	91	1198946	50.233 ug/L	98
53) m,p-Xylene	10.34	106	459656	50.562 ug/L	100
54) o-Xylene	10.68	106	442700	50.561 ug/L	97
55) Styrene	10.70	104	765632	50.790 ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	365784	46.883 ug/L	98
59) Bromoform	10.84	173	226255	46.340 ug/L	100
60) Isopropylbenzene	11.00	105	1199632	50.638 ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	301431	45.124 ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	1008332	51.556 ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	1011950	50.797 ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	566564	48.419 ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	583645	49.388 ug/L	96
67) 1,2-Dichlorobenzene	12.38	146	556390	49.384 ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	89651	45.754 ug/L	94
69) 1,3,5-Trichlorobenzene	13.15	180	406315	52.348 ug/L	94
70) 1,2,4-trichlorobenzene	13.63	180	361049	50.678 ug/L	97
71) Naphthalene	13.82	128	1115026	50.143 ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	366559	51.333 ug/L	99

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

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