Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018579.D
Acq On : 30 Sep 2020 19:24
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05095

Quant Time: Oct 01 07:43:06 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	432459	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	393628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	205316	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	83045	32.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 65.48%			
7) Chloroethane-d5	1.58	69	84474	40.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.56%			
11) 1,1-Dichloroethene-d2	2.13	63	208261	40.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 80.60%			
21) 2-Butanone-d5	3.92	46	192963	102.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.00%			
24) Chloroform-d	4.38	84	240650	43.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.76%			
26) 1,2-Dichloroethane-d4	5.06	65	151974	43.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.30%			
32) Benzene-d6	5.08	84	454531	45.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.18%			
36) 1,2-Dichloropropane-d6	6.09	67	143776	47.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.44%			
41) Toluene-d8	7.34	98	421939	44.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.96%			
43) trans-1,3-Dichloropropene-	7.64	79	75135	46.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.34%			
47) 2-Hexanone-d5	8.11	63	124303	108.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.63%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179782	45.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.02%			
64) 1,2-Dichlorobenzene-d4	11.65	152	173314	43.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	119682	40.701	ug/L	99
3) Chloromethane	1.25	50	131701	41.858	ug/L	99
5) Vinyl chloride	1.32	62	139122	42.056	ug/L	99
6) Bromomethane	1.53	94	103703	46.060	ug/L	98
8) Chloroethane	1.60	64	98098	48.122	ug/L	100
9) Trichlorofluoromethane	1.77	101	218779	43.514	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	128267	45.582	ug/L	98
12) 1,1-Dichloroethene	2.13	96	123000	45.562	ug/L	95
13) Acetone	2.21	43	144530	88.425	ug/L	99
14) Carbon disulfide	2.31	76	390230	44.622	ug/L	99
15) Methyl Acetate	2.45	43	153813	48.846	ug/L	98
16) Methylene chloride	2.52	84	152376	47.028	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	142967	46.281	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	450783	47.895	ug/L	99
19) 1,1-Dichloroethane	3.21	63	261525	48.352	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	156160	47.567	ug/L	97
22) 2-Butanone	4.00	43	215642	104.438	ug/L	99

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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)
23) Bromochloromethane	4.28	128	83154	46.062 ug/L	98
25) Chloroform	4.40	83	265264	46.447 ug/L	99
27) 1,2-Dichloroethane	5.16	62	210725	47.338 ug/L	99
29) Cyclohexane	4.70	56	229888	51.206 ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	241054	49.328 ug/L	98
31) Carbon tetrachloride	4.86	117	209103	47.678 ug/L	98
33) Benzene	5.13	78	590726	51.082 ug/L	100
34) Trichloroethene	5.94	95	165840	49.397 ug/L	98
35) Methylcyclohexane	6.15	83	215338	47.547 ug/L	98
37) 1,2-Dichloropropane	6.20	63	154954	52.227 ug/L	99
38) Bromodichloromethane	6.53	83	196114	49.357 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	239064	51.356 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	416126	108.693 ug/L	98
42) Toluene	7.41	91	634299	50.703 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	235545	51.511 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	147616	50.259 ug/L	98
46) Tetrachloroethene	8.00	164	128352	47.124 ug/L	97
48) 2-Hexanone	8.16	43	325333	108.913 ug/L	97
49) Dibromochloromethane	8.27	129	162952	48.507 ug/L	99
50) 1,2-Dibromoethane	8.37	107	157234	50.350 ug/L	99
51) Chlorobenzene	8.90	112	405720	47.939 ug/L	98
52) Ethylbenzene	9.03	91	670059	47.961 ug/L	100
53) m,p-Xylene	9.16	106	244164	45.222 ug/L	98
54) o-xylene	9.56	106	234727	45.919 ug/L	97
55) Styrene	9.58	104	410125	46.078 ug/L	99
56) Isopropylbenzene	9.95	105	617988	45.078 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	189151	45.689 ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	166382	46.104 ug/L	98
61) Bromoform	9.75	173	111215	47.157 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	314542	47.338 ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	326204	47.675 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	311866	47.443 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	43654	48.647 ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	209395	45.494 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	198450	46.334 ug/L	99
69) Naphthalene	13.52	128	613624	50.050 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	199952	46.505 ug/L	100

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

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