Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060320\
Data File : VV016450.D
Acq On : 03 Jun 2020 10:10
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Manual Integrations APPROVED
MMDadoda
6/4/2020 3:39:50 PM

Quant Time: Jun 04 01:14:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 03 01:20:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	394620	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	385391	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	196774	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	139068	49.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.50%			
7) Chloroethane-d5	1.58	69	89095	44.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.30%			
11) 1,1-Dichloroethene-d2	2.13	63	246419	49.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.46%			
21) 2-Butanone-d5	3.90	46	188619	105.54	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.54%			
24) Chloroform-d	4.38	84	240477	45.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.70%			
26) 1,2-Dichloroethane-d4	5.06	65	179601	51.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.26%			
32) Benzene-d6	5.08	84	514008	49.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.58%			
36) 1,2-Dichloropropane-d6	6.09	67	158621	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.62%			
41) Toluene-d8	7.34	98	476913	50.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.74%			
43) trans-1,3-Dichloropropene-	7.64	79	74046	47.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.46%			
47) 2-Hexanone-d5	8.11	63	140070	101.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.68%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	215741	49.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.90%			
64) 1,2-Dichlorobenzene-d4	11.65	152	183834	49.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	166183	51.040	ug/L	98
3) Chloromethane	1.25	50	158559	50.544	ug/L	99
5) Vinyl chloride	1.32	62	154156	50.859	ug/L	100
6) Bromomethane	1.53	94	71137	45.114	ug/L	98
8) Chloroethane	1.60	64	78351	46.125	ug/L	95
9) Trichlorofluoromethane	1.77	101	225286	51.468	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	115528	50.745	ug/L	99
12) 1,1-Dichloroethene	2.14	96	113393	51.757	ug/L	94
13) Acetone	2.18	43	124536	74.557	ug/L	98
14) Carbon disulfide	2.31	76	389145	51.305	ug/L	98
15) Methyl Acetate	2.44	43	160598	52.311	ug/L	99
16) Methylene chloride	2.53	84	152021	49.219	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	141923	51.341	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	447895	52.337	ug/L	100
19) 1,1-Dichloroethane	3.21	63	260498	50.954	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	155026m	51.965	ug/L	
22) 2-Butanone	3.99	43	209873	101.254	ug/L	97

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 03 01:20:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	79525	51.804 ug/L	99
25) Chloroform	4.40	83	295880	55.218 ug/L	99
27) 1,2-Dichloroethane	5.15	62	218915	50.279 ug/L	98
29) Cyclohexane	4.70	56	235118	51.402 ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	237790	50.628 ug/L	99
31) Carbon tetrachloride	4.86	117	204666	50.667 ug/L	100
33) Benzene	5.13	78	576323	50.848 ug/L	100
34) Trichloroethene	5.94	95	150496	50.603 ug/L	96
35) Methylcyclohexane	6.15	83	212519	49.783 ug/L	100
37) 1,2-Dichloropropane	6.20	63	149094	50.467 ug/L	99
38) Bromodichloromethane	6.53	83	196503	51.768 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	222765	51.716 ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	430905	106.004 ug/L	99
42) Toluene	7.41	91	618569	51.503 ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	213129	50.429 ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	143242	50.144 ug/L	99
46) Tetrachloroethene	8.00	164	116571	50.836 ug/L	97
48) 2-Hexanone	8.16	43	330810	104.678 ug/L	98
49) Dibromochloromethane	8.27	129	150802	54.301 ug/L	99
50) 1,2-Dibromoethane	8.37	107	153942	50.944 ug/L	99
51) Chlorobenzene	8.90	112	394824	50.018 ug/L	99
52) Ethylbenzene	9.03	91	680326	52.045 ug/L	99
53) m,p-Xylene	9.16	106	256687	52.077 ug/L	99
54) o-xylene	9.57	106	248361	52.027 ug/L	99
55) Styrene	9.58	104	446199	53.356 ug/L	100
56) Isopropylbenzene	9.95	105	647416	52.213 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	229961	50.183 ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	181168	49.143 ug/L	99
61) Bromoform	9.75	173	91163	55.329 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	312601	51.274 ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	315711	49.908 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	307629	50.131 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	47403	50.902 ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	193669	47.217 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	179657	47.312 ug/L	99
69) Naphthalene	13.52	128	592782	50.859 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	177511	49.176 ug/L	99

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

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