Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071320\
Data File : VV017457.D
Acq On : 13 Jul 2020 09:21
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05082

Quant Time: Jul 14 05:10:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jul 13 11:56:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	298671	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287379	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158246	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	87894	56.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 113.06%			
7) Chloroethane-d5	1.58	69	63127	57.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.58%			
11) 1,1-Dichloroethene-d2	2.13	63	184033	52.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.54%			
21) 2-Butanone-d5	3.90	46	111170	104.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.68%			
24) Chloroform-d	4.37	84	188792	52.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.98%			
26) 1,2-Dichloroethane-d4	5.05	65	131006	53.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.14%			
32) Benzene-d6	5.07	84	321909	51.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.70%			
36) 1,2-Dichloropropane-d6	6.09	67	91690	51.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.58%			
41) Toluene-d8	7.33	98	315778	52.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.82%			
43) trans-1,3-Dichloropropene-	7.64	79	57666	55.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.84%			
47) 2-Hexanone-d5	8.11	63	82128	111.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.94%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	126588	50.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.86%			
64) 1,2-Dichlorobenzene-d4	11.65	152	137670	52.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	141720	44.186	ug/L	99
3) Chloromethane	1.25	50	97778	43.301	ug/L	100
5) Vinyl chloride	1.32	62	101158	44.323	ug/L	98
6) Bromomethane	1.53	94	59685	51.520	ug/L	96
8) Chloroethane	1.60	64	53898	45.513	ug/L	100
9) Trichlorofluoromethane	1.76	101	195452	45.744	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	93762	47.274	ug/L	99
12) 1,1-Dichloroethene	2.13	96	81961	45.688	ug/L	96
13) Acetone	2.19	43	158100	109.362	ug/L	100
14) Carbon disulfide	2.31	76	221342	40.539	ug/L	100
15) Methyl Acetate	2.44	43	86175	44.908	ug/L	100
16) Methylene chloride	2.52	84	90394	43.281	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	85129	43.638	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	309834	47.606	ug/L	99
19) 1,1-Dichloroethane	3.21	63	161957	45.149	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	93807	44.879	ug/L	95
22) 2-Butanone	3.99	43	147862	104.635	ug/L	95

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Quant Title : VOC Analysis
QLast Update : Mon Jul 13 11:56:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	53483	45.985 ug/L	96
25) Chloroform	4.40	83	187352	46.532 ug/L	99
27) 1,2-Dichloroethane	5.15	62	161457	45.621 ug/L	98
29) Cyclohexane	4.70	56	132173	44.104 ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	185404	46.916 ug/L	100
31) Carbon tetrachloride	4.85	117	172145	47.591 ug/L	99
33) Benzene	5.12	78	341668	44.977 ug/L	100
34) Trichloroethene	5.94	95	103043	45.688 ug/L	95
35) Methylcyclohexane	6.15	83	150618	45.605 ug/L	99
37) 1,2-Dichloropropane	6.20	63	85698	46.124 ug/L	100
38) Bromodichloromethane	6.53	83	142036	46.948 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	148763	46.982 ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	246196	95.828 ug/L	98
42) Toluene	7.41	91	387565	45.645 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	159410	48.676 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	93209	46.236 ug/L	94
46) Tetrachloroethene	7.99	164	86617	45.738 ug/L	94
48) 2-Hexanone	8.16	43	208328	100.167 ug/L	97
49) Dibromochloromethane	8.27	129	118644	47.177 ug/L	99
50) 1,2-Dibromoethane	8.37	107	96712	44.821 ug/L	98
51) Chlorobenzene	8.90	112	261214	45.400 ug/L	99
52) Ethylbenzene	9.03	91	448878	46.220 ug/L	98
53) m,p-Xylene	9.16	106	169058	46.496 ug/L	97
54) o-xylene	9.56	106	166569	47.694 ug/L	100
55) Styrene	9.58	104	289979	47.801 ug/L	97
56) Isopropylbenzene	9.95	105	468563	48.225 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	131975	44.580 ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	119480	46.406 ug/L	98
61) Bromoform	9.75	173	90849	47.728 ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	228367	46.248 ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	231391	46.171 ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	226568	46.028 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	37205	46.450 ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	181885	48.899 ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	164208	50.344 ug/L	100
69) Naphthalene	13.52	128	465827	51.140 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	165788	49.969 ug/L	99

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

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