Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060420\
Data File : VV016497.D
Acq On : 04 Jun 2020 09:58
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05096

Manual Integrations APPROVED
MMDadoda
6/5/2020 1:08:19 PM

Quant Time: Jun 05 01:31:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 16:13:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	365896	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	180049	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	108752	41.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.92%			
7) Chloroethane-d5	1.58	69	87078	46.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.08%			
11) 1,1-Dichloroethene-d2	2.12	63	203366	44.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.54%			
21) 2-Butanone-d5	3.90	46	196278	118.45	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.45%			
24) Chloroform-d	4.37	84	255297	52.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.98%			
26) 1,2-Dichloroethane-d4	5.05	65	167416	51.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.82%			
32) Benzene-d6	5.07	84	485638	52.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.34%			
36) 1,2-Dichloropropane-d6	6.09	67	153709	52.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.98%			
41) Toluene-d8	7.34	98	456637	54.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.02%			
43) trans-1,3-Dichloropropene-	7.64	79	73311	51.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.72%			
47) 2-Hexanone-d5	8.10	63	146153	117.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 117.66%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	207348	52.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.42%			
64) 1,2-Dichlorobenzene-d4	11.65	152	182490	53.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	157910	52.307	ug/L	99
3) Chloromethane	1.25	50	151770	52.177	ug/L	97
5) Vinyl chloride	1.32	62	144133	51.285	ug/L	99
6) Bromomethane	1.53	94	58686	40.139	ug/L	98
8) Chloroethane	1.59	64	78029	49.541	ug/L	97
9) Trichlorofluoromethane	1.76	101	210190	51.789	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	111755	52.941	ug/L	99
12) 1,1-Dichloroethene	2.13	96	99674	49.067	ug/L	90
13) Acetone	2.18	43	155051	100.113	ug/L	99
14) Carbon disulfide	2.31	76	354537	50.412	ug/L	99
15) Methyl Acetate	2.44	43	149429	52.494	ug/L	99
16) Methylene chloride	2.52	84	139020	48.543	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	133569	52.112	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	425924	53.677	ug/L	99
19) 1,1-Dichloroethane	3.21	63	245193	51.726	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	142992m	51.694	ug/L	
22) 2-Butanone	3.98	43	218949	113.926	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.27	128	74095	52.056	ug/L		94
25) Chloroform	4.40	83	252352	50.791	ug/L		99
27) 1,2-Dichloroethane	5.15	62	208244	51.583	ug/L		99
29) Cyclohexane	4.70	56	233836	56.695	ug/L		99
30) 1,1,1-Trichloroethane	4.63	97	226323	53.440	ug/L		100
31) Carbon tetrachloride	4.85	117	197808	54.308	ug/L		98
33) Benzene	5.12	78	542748	53.106	ug/L		100
34) Trichloroethene	5.94	95	142112	52.993	ug/L		98
35) Methylcyclohexane	6.15	83	236993	61.568	ug/L		99
37) 1,2-Dichloropropane	6.20	63	139277	52.284	ug/L		100
38) Bromodichloromethane	6.53	83	181557	53.045	ug/L		97
39) cis-1,3-Dichloropropene	7.05	75	215231	55.414	ug/L		99
40) 4-Methyl-2-pentanone	7.24	43	407562	111.192	ug/L		99
42) Toluene	7.41	91	585189	54.036	ug/L		100
44) trans-1,3-Dichloropropene	7.67	75	208797	54.791	ug/L		100
45) 1,1,2-Trichloroethane	7.86	97	134332	52.151	ug/L		98
46) Tetrachloroethene	8.00	164	116336	56.265	ug/L		98
48) 2-Hexanone	8.16	43	322558	113.194	ug/L		99
49) Dibromochloromethane	8.27	129	136186	54.384	ug/L		99
50) 1,2-Dibromoethane	8.37	107	144426	53.005	ug/L	#	99
51) Chlorobenzene	8.90	112	376315	52.871	ug/L		100
52) Ethylbenzene	9.03	91	650800	55.214	ug/L		99
53) m,p-Xylene	9.16	106	246213	55.398	ug/L		98
54) o-xylene	9.57	106	237102	55.084	ug/L		100
55) Styrene	9.58	104	408989	54.238	ug/L		98
56) Isopropylbenzene	9.95	105	645913	57.771	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.26	83	213214	51.601	ug/L		97
59) 1,2,3-Trichloropropane	10.30	75	171177	51.495	ug/L		98
61) Bromoform	9.75	173	87169	57.820	ug/L		99
62) 1,3-Dichlorobenzene	11.20	146	300201	53.814	ug/L		98
63) 1,4-Dichlorobenzene	11.30	146	306083	52.881	ug/L		99
65) 1,2-Dichlorobenzene	11.67	146	294180	52.392	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.45	75	46074	54.070	ug/L		99
67) 1,3,5-Trichlorobenzene	12.67	180	224309	59.767	ug/L		98
68) 1,2,4-trichlorobenzene	13.29	180	208074	59.886	ug/L		99
69) Naphthalene	13.52	128	603871	56.623	ug/L		99
70) 1,2,3-Trichlorobenzene	13.77	180	200156	60.600	ug/L		100

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

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