Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016812.D
Acq On : 11 Jun 2020 09:11
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05082

Manual Integrations APPROVED
MMDadoda
6/12/2020 3:35:48 PM

Quant Time: Jun 12 01:21:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 13:32:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341833	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330241	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173097	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	104159	43.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.36%			
7) Chloroethane-d5	1.56	69	72840	50.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.66%			
11) 1,1-Dichloroethene-d2	2.12	63	185752	45.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.72%			
21) 2-Butanone-d5	3.89	46	173082	96.95	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.95%			
24) Chloroform-d	4.37	84	232822	47.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.94%			
26) 1,2-Dichloroethane-d4	5.05	65	161168	48.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.62%			
32) Benzene-d6	5.07	84	431163	45.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.58%			
36) 1,2-Dichloropropane-d6	6.09	67	136341	45.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.90%			
41) Toluene-d8	7.33	98	403598	46.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	7.64	79	68373	44.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.48%			
47) 2-Hexanone-d5	8.11	63	117273	90.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.65%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190599	48.52	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.04%			
64) 1,2-Dichlorobenzene-d4	11.65	152	173971	47.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.13	85	127088	46.894	ug/L	99
3) Chloromethane	1.25	50	123415	49.797	ug/L	100
5) Vinyl chloride	1.32	62	105526	43.298	ug/L	98
6) Bromomethane	1.51	94	55905	55.075	ug/L	97
8) Chloroethane	1.58	64	60095	49.917	ug/L	99
9) Trichlorofluoromethane	1.76	101	169627	46.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	81130	44.640	ug/L	98
12) 1,1-Dichloroethene	2.13	96	76385	45.022	ug/L	92
13) Acetone	2.17	43	97635	83.005	ug/L	100
14) Carbon disulfide	2.30	76	267794	43.595	ug/L	99
15) Methyl Acetate	2.44	43	130143	49.640	ug/L	98
16) Methylene chloride	2.52	84	121218	48.690	ug/L	98
17) trans-1,2-Dichloroethene	2.77	96	105837	45.752	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	392478	51.204	ug/L	99
19) 1,1-Dichloroethane	3.21	63	209583	48.133	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	123689m	49.046	ug/L	
22) 2-Butanone	3.98	43	178050	98.160	ug/L	100

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	65628	49.401	ug/L	96
25) Chloroform	4.40	83	221159	49.422	ug/L	97
27) 1,2-Dichloroethane	5.15	62	195434	52.098	ug/L	98
29) Cyclohexane	4.70	56	172061	41.928	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	195060	46.316	ug/L	99
31) Carbon tetrachloride	4.85	117	169476	46.516	ug/L	99
33) Benzene	5.12	78	452379	46.299	ug/L	100
34) Trichloroethene	5.94	95	122022	46.564	ug/L	98
35) Methylcyclohexane	6.15	83	169370	41.199	ug/L	99
37) 1,2-Dichloropropane	6.19	63	122242	48.108	ug/L	100
38) Bromodichloromethane	6.53	83	166642	49.265	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	177807	45.048	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	361232	100.324	ug/L	98
42) Toluene	7.41	91	488298	47.406	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	176007	45.868	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	117974	48.123	ug/L	99
46) Tetrachloroethene	8.00	164	92828	45.041	ug/L	97
48) 2-Hexanone	8.16	43	281383	100.789	ug/L	99
49) Dibromochloromethane	8.27	129	131601	50.207	ug/L	99
50) 1,2-Dibromoethane	8.37	107	130168	50.704	ug/L	99
51) Chlorobenzene	8.90	112	321132	47.786	ug/L	100
52) Ethylbenzene	9.03	91	542561	47.556	ug/L	98
53) m,p-Xylene	9.16	106	206615	48.639	ug/L	99
54) o-xylene	9.56	106	209015	49.890	ug/L	97
55) Styrene	9.58	104	355947	50.252	ug/L	98
56) Isopropylbenzene	9.95	105	542310	48.175	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	188289	50.094	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	160980	51.061	ug/L	99
61) Bromoform	9.75	173	86993	48.860	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	266748	48.654	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	268209	48.081	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	273763	49.827	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	43104	49.893	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	187135	45.774	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	174977	46.662	ug/L	99
69) Naphthalene	13.53	128	544809	50.508	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	175773	47.906	ug/L	99

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

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