Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080519\
Data File : VU033600.D
Acq On : 05 Aug 2019 15:35
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05048

Quant Time: Aug 06 05:43:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 06 03:56:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	323381	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	315572	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	169552	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	95443	46.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.36%			
7) Chloroethane-d5	1.67	69	87295	37.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.80%			
11) 1,1-Dichloroethene-d2	2.26	63	190370	47.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.14%			
21) 2-Butanone-d5	4.15	46	179892	107.45	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.45%			
24) Chloroform-d	4.62	84	193484	49.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.36%			
26) 1,2-Dichloroethane-d4	5.28	65	120365	48.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.04%			
32) Benzene-d6	5.32	84	381766	49.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.94%			
36) 1,2-Dichloropropane-d6	6.31	67	123734	50.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.20%			
41) Toluene-d8	7.55	98	359299	50.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.06%			
43) trans-1,3-Dichloropropene-	7.83	79	61349	49.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.88%			
47) 2-Hexanone-d5	8.29	63	133025	110.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.12%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	193000	51.06	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.12%			
64) 1,2-Dichlorobenzene-d4	11.84	152	151556	49.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	140013	50.631	ug/L	100
3) Chloromethane	1.32	50	151574	50.575	ug/L	100
5) Vinyl chloride	1.39	62	163375	49.822	ug/L	97
6) Bromomethane	1.62	94	138338	52.813	ug/L	100
8) Chloroethane	1.69	64	100298	38.895	ug/L	98
9) Trichlorofluoromethane	1.87	101	214096	50.062	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	109679	50.496	ug/L	98
12) 1,1-Dichloroethene	2.27	96	106132	50.249	ug/L	99
13) Acetone	2.31	43	168316	100.933	ug/L	99
14) Carbon disulfide	2.46	76	326105	49.810	ug/L	100
15) Methyl Acetate	2.60	43	137855	50.628	ug/L	99
16) Methylene chloride	2.69	84	124396	50.483	ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	112077	49.739	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	357866	51.284	ug/L	99
19) 1,1-Dichloroethane	3.42	63	215218	50.743	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	130141	52.362	ug/L	97
22) 2-Butanone	4.23	43	219278	104.687	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Tue Aug 06 03:56:19 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	65706	50.555	ug/L	97
25) Chloroform	4.65	83	221288	50.494	ug/L	99
27) 1,2-Dichloroethane	5.38	62	172828	50.477	ug/L	99
29) Cyclohexane	4.97	56	186594	51.917	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	185712	50.308	ug/L	99
31) Carbon tetrachloride	5.11	117	165013	50.924	ug/L	99
33) Benzene	5.37	78	483324	51.449	ug/L	100
34) Trichloroethene	6.16	95	121700	50.296	ug/L	100
35) Methylcyclohexane	6.40	83	201322	52.853	ug/L	100
37) 1,2-Dichloropropane	6.41	63	128739	50.177	ug/L	100
38) Bromodichloromethane	6.74	83	164166	50.763	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	197527	50.626	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	388026	105.683	ug/L	100
42) Toluene	7.62	91	525544	52.363	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	185224	52.758	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	120290	50.108	ug/L	98
46) Tetrachloroethene	8.21	164	102065	51.413	ug/L	98
48) 2-Hexanone	8.34	43	307304	104.807	ug/L	98
49) Dibromochloromethane	8.46	129	138266	51.247	ug/L	99
50) 1,2-Dibromoethane	8.57	107	134480	51.146	ug/L	98
51) Chlorobenzene	9.10	112	330904	50.492	ug/L	100
52) Ethylbenzene	9.23	91	566288	52.041	ug/L	100
53) m,p-Xylene	9.36	106	219036	52.856	ug/L	97
54) o-xylene	9.76	106	214416	52.823	ug/L	97
55) Styrene	9.77	104	364909	52.942	ug/L	97
56) Isopropylbenzene	10.15	105	561057	53.578	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	220503	51.368	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	169725	50.507	ug/L	99
61) Bromoform	9.94	173	107358	50.858	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	272364	51.201	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	276038	50.794	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	272187	51.303	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	51852	51.859	ug/L	99
67) 1,3,5-Trichlorobenzene	12.87	180	211874	51.732	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	187017	53.529	ug/L	99
69) Naphthalene	13.73	128	556291	54.789	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	195897	52.711	ug/L	99

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

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