Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\
Data File : VU034793.D
Acq On : 25 Sep 2019 10:26
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05045

Quant Time: Sep 26 04:36:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 11:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	524617	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	498307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	243075	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	201528	37.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.04%			
7) Chloroethane-d5	1.67	69	181664	43.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.54%			
11) 1,1-Dichloroethene-d2	2.26	63	408340	44.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.80%			
21) 2-Butanone-d5	4.15	46	428479	104.10	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.10%			
24) Chloroform-d	4.62	84	374942	48.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.04%			
26) 1,2-Dichloroethane-d4	5.29	65	248710	43.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.66%			
32) Benzene-d6	5.31	84	749589	48.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.06%			
36) 1,2-Dichloropropane-d6	6.31	67	259315	48.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.08%			
41) Toluene-d8	7.54	98	708249	48.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.40%			
43) trans-1,3-Dichloropropene-	7.83	79	123890	47.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.84%			
47) 2-Hexanone-d5	8.29	63	280932	103.61	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.61%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	369670	49.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.70%			
64) 1,2-Dichlorobenzene-d4	11.84	152	259094	50.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	270565	50.039	ug/L	100
3) Chloromethane	1.32	50	312035	48.177	ug/L	99
5) Vinyl chloride	1.40	62	304520	51.478	ug/L	100
6) Bromomethane	1.62	94	207967	64.370	ug/L	98
8) Chloroethane	1.69	64	180921	53.126	ug/L	97
9) Trichlorofluoromethane	1.87	101	393781	52.794	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	203535	56.913	ug/L	96
12) 1,1-Dichloroethene	2.27	96	198129	57.724	ug/L	87
13) Acetone	2.31	43	468870	97.923	ug/L	96
14) Carbon disulfide	2.46	76	606521	52.371	ug/L	99
15) Methyl Acetate	2.60	43	331901	51.892	ug/L	96
16) Methylene chloride	2.68	84	234096	53.842	ug/L	94
17) trans-1,2-Dichloroethene	2.96	96	212755	56.694	ug/L	88
18) Methyl tert-butyl Ether	2.98	73	740800	53.209	ug/L	96
19) 1,1-Dichloroethane	3.42	63	448174	52.060	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	246774	56.240	ug/L	85
22) 2-Butanone	4.24	43	575256	100.987	ug/L	97

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Instrument : MSVOA_U
ClientSampleId : VSTD05045

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 11:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	116850	55.636 ug/L	88
25) Chloroform	4.65	83	425093	50.144 ug/L	96
27) 1,2-Dichloroethane	5.38	62	341649	46.654 ug/L #	94
29) Cyclohexane	4.97	56	424514	51.613 ug/L	96
30) 1,1,1-Trichloroethane	4.89	97	347756	51.275 ug/L	96
31) Carbon tetrachloride	5.11	117	303118	52.441 ug/L	98
33) Benzene	5.36	78	945992	54.737 ug/L	100
34) Trichloroethene	6.16	95	231175	54.162 ug/L	95
35) Methylcyclohexane	6.39	83	376954	52.043 ug/L	96
37) 1,2-Dichloropropane	6.41	63	266019	51.693 ug/L	99
38) Bromodichloromethane	6.73	83	313414	50.221 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	407419	52.691 ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	967310	98.456 ug/L	97
42) Toluene	7.61	91	1009976	54.074 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	365888	52.490 ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	225888	54.800 ug/L	96
46) Tetrachloroethene	8.21	164	174905	58.257 ug/L	99
48) 2-Hexanone	8.34	43	797719	103.960 ug/L	97
49) Dibromochloromethane	8.45	129	252866	55.035 ug/L	98
50) 1,2-Dibromoethane	8.56	107	249774	56.223 ug/L	99
51) Chlorobenzene	9.10	112	618773	54.498 ug/L	93
52) Ethylbenzene	9.23	91	1118862	53.197 ug/L	99
53) m,p-Xylene	9.35	106	409049	54.909 ug/L	97
54) o-xylene	9.76	106	402478	54.623 ug/L	98
55) Styrene	9.77	104	685666	54.975 ug/L	97
56) Isopropylbenzene	10.14	105	1069868	53.850 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.43	83	412291	52.076 ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	318633	49.574 ug/L	98
61) Bromoform	9.94	173	178746	53.409 ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	473927	56.300 ug/L	94
63) 1,4-Dichlorobenzene	11.49	146	475582	55.461 ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	472764	55.584 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.63	75	89076	49.271 ug/L #	83
67) 1,3,5-Trichlorobenzene	12.86	180	322194	57.125 ug/L	97
68) 1,2,4-trichlorobenzene	13.48	180	287975	64.928 ug/L	99
69) Naphthalene	13.72	128	1027613	66.927 ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	282680	61.940 ug/L	98

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

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