Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034368.D
Acq On : 07 Sep 2019 09:58
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Sep 08 02:29:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	308422	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	291193	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	163692	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	87107	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.68	69	76227	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.27	63	175903	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.40%			
20) 2-Butanone-d5	4.19	46	233200	48.60	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.20%			
24) Chloroform-d	4.63	84	174531	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.29	65	80495	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.32	84	369178	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.31	67	112533	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.55	98	339113	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloropropene-	7.83	79	42121	5.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.40%			
46) 2-Hexanone-d5	8.30	63	184743	50.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.68%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	85893	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.00%			
64) 1,2-Dichlorobenzene-d4	11.84	152	136448	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	141219	4.778	ug/L	100
3) Chloromethane	1.32	50	135251	4.635	ug/L	99
5) Vinyl chloride	1.40	62	142774	4.714	ug/L	99
6) Bromomethane	1.63	94	73101	5.135	ug/L	96
8) Chloroethane	1.69	64	81700	4.700	ug/L	97
9) Trichlorofluoromethane	1.88	101	169863	5.020	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	101020	5.189	ug/L	97
12) 1,1-Dichloroethene	2.28	96	98445	5.132	ug/L	84
13) Acetone	2.34	43	149162	46.428	ug/L	96
14) Carbon disulfide	2.47	76	316277	4.831	ug/L	99
15) Methyl Acetate	2.62	43	40177	4.458	ug/L	97
16) Methylene chloride	2.69	84	106191	4.876	ug/L	92
17) Methyl tert-butyl Ether	2.99	73	233701	4.896	ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	107195	5.167	ug/L	96
19) 1,1-Dichloroethane	3.42	63	200206	4.894	ug/L	98
21) 2-Butanone	4.28	43	265306	49.565	ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	118272	5.070	ug/L	92

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Sep 08 02:29:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.53	128	50897	5.081 ug/L	98
25) Chloroform	4.65	83	194545	4.672 ug/L	97
27) 1,2-Dichloroethane	5.39	62	109140	4.748 ug/L	96
29) 1,1,1-Trichloroethane	4.89	97	160804	5.036 ug/L	98
30) Cyclohexane	4.97	56	189132	5.008 ug/L	100
31) Carbon tetrachloride	5.11	117	144258	5.109 ug/L	100
33) Benzene	5.37	78	449131	5.099 ug/L	100
34) Trichloroethene	6.16	95	114720	5.054 ug/L	96
35) Methylcyclohexane	6.39	83	195114	5.187 ug/L	98
37) 1,2-Dichloropropane	6.41	63	112588	4.962 ug/L	100
38) Bromodichloromethane	6.74	83	132129	4.999 ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	158590	5.013 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	613928	48.763 ug/L	98
42) Toluene	7.62	91	483206	5.199 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	120534	5.127 ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	74554	5.123 ug/L	99
47) Tetrachloroethene	8.21	164	98360	5.272 ug/L	97
48) 2-Hexanone	8.35	43	433897	49.486 ug/L	96
49) Dibromochloromethane	8.46	129	91162	5.280 ug/L	99
50) 1,2-Dibromoethane	8.57	107	70209	5.098 ug/L	98
51) Chlorobenzene	9.10	112	309784	5.226 ug/L	99
52) Ethylbenzene	9.23	91	517231	5.150 ug/L	98
53) m,p-Xylene	9.36	106	203566	5.273 ug/L	94
54) o-Xylene	9.76	106	196441	5.310 ug/L	98
55) Styrene	9.77	104	329715	5.336 ug/L	98
56) Isopropylbenzene	10.14	105	518044	5.264 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	94489	5.049 ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	64998	5.002 ug/L	98
61) Bromoform	9.94	173	52682	5.142 ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	261908	5.133 ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	264119	5.134 ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	238541	5.101 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	13427	4.742 ug/L	93
67) 1,3,5-Trichlorobenzene	12.87	180	212266	5.193 ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	162938	5.201 ug/L	97
69) Naphthalene	13.72	128	232265	4.924 ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	149723	5.248 ug/L	97

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

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