Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121919\
Data File : VU036295.D
Acq On : 19 Dec 2019 20:08
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Dec 20 03:19:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	269844	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	286213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150330	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	118446	4.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.60%			
7) Chloroethane-d5	1.93	69	107419	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.60	63	173715	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.40%			
20) 2-Butanone-d5	4.68	46	186583	41.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.82%			
24) Chloroform-d	5.11	84	185021	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.75	65	94713	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
32) Benzene-d6	5.77	84	343441	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.73	67	106538	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.93	98	329064	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
43) trans-1,3-Dichloropropene-	8.21	79	45056	4.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.60%			
46) 2-Hexanone-d5	8.67	63	174176	48.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.68%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	95597	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.20%			
64) 1,2-Dichlorobenzene-d4	12.21	152	127558	4.43	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	144922	4.812	ug/L	98
3) Chloromethane	1.54	50	142039	3.759	ug/L	99
5) Vinyl chloride	1.62	62	161480	4.504	ug/L	99
6) Bromomethane	1.87	94	97697	5.453	ug/L	96
8) Chloroethane	1.95	64	100580	4.697	ug/L	98
9) Trichlorofluoromethane	2.16	101	225881	4.999	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	106163	4.904	ug/L	99
12) 1,1-Dichloroethene	2.61	96	98288	4.910	ug/L	96
13) Acetone	2.66	43	165468	42.649	ug/L	98
14) Carbon disulfide	2.83	76	311726	4.641	ug/L	99
15) Methyl Acetate	2.99	43	40515	5.169	ug/L	98
16) Methylene chloride	3.08	84	134805	4.581	ug/L	98
17) Methyl tert-butyl Ether	3.41	73	210062	4.896	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	100959	4.815	ug/L	98
19) 1,1-Dichloroethane	3.92	63	192108	4.963	ug/L	99
21) 2-Butanone	4.76	43	248869	48.003	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	108465	4.823	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Dec 20 03:19:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	56273	5.171 ug/L	98
25) Chloroform	5.14	83	211086	5.041 ug/L	96
27) 1,2-Dichloroethane	5.84	62	128146	5.160 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	178280	5.060 ug/L	99
30) Cyclohexane	5.43	56	139368	4.649 ug/L	100
31) Carbon tetrachloride	5.57	117	163035	5.075 ug/L	98
33) Benzene	5.82	78	445305	5.062 ug/L	100
34) Trichloroethene	6.58	95	113918	5.023 ug/L	96
35) Methylcyclohexane	6.80	83	155550	4.824 ug/L	99
37) 1,2-Dichloropropane	6.83	63	111563	4.971 ug/L	100
38) Bromodichloromethane	7.14	83	149756	5.127 ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	146561	4.794 ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	598637	51.000 ug/L	99
42) Toluene	8.00	91	485228	5.147 ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	129074	5.026 ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	85094	5.061 ug/L	94
47) Tetrachloroethene	8.58	164	101838	4.972 ug/L	93
48) 2-Hexanone	8.72	43	461298	52.660 ug/L	99
49) Dibromochloromethane	8.84	129	106688	5.133 ug/L	100
50) 1,2-Dibromoethane	8.96	107	81221	5.064 ug/L	99
51) Chlorobenzene	9.47	112	298829	4.800 ug/L	99
52) Ethylbenzene	9.60	91	465061	4.911 ug/L	100
53) m,p-Xylene	9.72	106	181199	4.966 ug/L	100
54) o-Xylene	10.13	106	171393	4.870 ug/L	99
55) Styrene	10.14	104	312475	5.018 ug/L	97
56) Isopropylbenzene	10.51	105	450457	4.984 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	111878	5.226 ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	77620	5.204 ug/L	99
61) Bromoform	10.32	173	66472	5.094 ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	247256	4.875 ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	251041	4.991 ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	234380	4.851 ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	17695	5.513 ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	179773	4.730 ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	124387	4.982 ug/L	99
69) Naphthalene	14.10	128	170967	5.383 ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	123619	5.120 ug/L	98

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

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