Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100919\
Data File : VU035007.D
Acq On : 09 Oct 2019 14:53
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00510

Quant Time: Oct 10 03:40:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 10 03:36:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	163548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	161874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	81651	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	57097	5.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.20%			
7) Chloroethane-d5	1.68	69	50861	5.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.80%			
11) 1,1-Dichloroethene-d2	2.26	63	114170	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 112.00%			
20) 2-Butanone-d5	4.17	46	145467	51.09	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.18%			
24) Chloroform-d	4.62	84	101527	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.40%			
26) 1,2-Dichloroethane-d4	5.29	65	55427	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.40%			
32) Benzene-d6	5.32	84	204175	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
36) 1,2-Dichloropropane-d6	6.31	67	68002	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.55	98	195859	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
43) trans-1,3-Dichloropropene-	7.83	79	23461	5.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.80%			
46) 2-Hexanone-d5	8.30	63	113466	52.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.48%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58096	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	70534	5.12	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	78408	5.246	ug/L	99
3) Chloromethane	1.32	50	87937	5.363	ug/L	100
5) Vinyl chloride	1.40	62	84928	5.273	ug/L	99
6) Bromomethane	1.62	94	46467	5.190	ug/L	97
8) Chloroethane	1.69	64	50122	5.189	ug/L	97
9) Trichlorofluoromethane	1.88	101	106731	5.480	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	62233	5.565	ug/L	95
12) 1,1-Dichloroethene	2.27	96	56143	5.344	ug/L	89
13) Acetone	2.31	43	123660	53.033	ug/L	94
14) Carbon disulfide	2.47	76	177814	5.086	ug/L	99
15) Methyl Acetate	2.60	43	31760	5.117	ug/L	96
16) Methylene chloride	2.68	84	68503	5.267	ug/L	91
17) Methyl tert-butyl Ether	2.99	73	154584	5.394	ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	59117	5.256	ug/L	92
19) 1,1-Dichloroethane	3.42	63	121551	5.437	ug/L	100
21) 2-Butanone	4.25	43	171636	51.688	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	66749	5.320	ug/L	97

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	28954	5.506 ug/L	94
25) Chloroform	4.65	83	127042	5.057 ug/L	100
27) 1,2-Dichloroethane	5.38	62	76285	5.200 ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	99051	5.448 ug/L	98
30) Cyclohexane	4.97	56	101461	5.076 ug/L	97
31) Carbon tetrachloride	5.11	117	85825	5.444 ug/L	97
33) Benzene	5.37	78	262750	5.389 ug/L	100
34) Trichloroethene	6.16	95	66715	5.305 ug/L	99
35) Methylcyclohexane	6.39	83	106003	5.205 ug/L	98
37) 1,2-Dichloropropane	6.41	63	70380	5.351 ug/L	100
38) Bromodichloromethane	6.74	83	81733	5.301 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	91230	5.120 ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	428347	51.744 ug/L	96
42) Toluene	7.62	91	279355	5.489 ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	70475	5.106 ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	48369	5.539 ug/L	93
47) Tetrachloroethene	8.21	164	54645	5.368 ug/L	95
48) 2-Hexanone	8.35	43	285099	50.230 ug/L	98
49) Dibromochloromethane	8.46	129	55272	5.476 ug/L	97
50) 1,2-Dibromoethane	8.57	107	43402	5.200 ug/L	95
51) Chlorobenzene	9.10	112	179847	5.453 ug/L	98
52) Ethylbenzene	9.23	91	305257	5.430 ug/L	98
53) m,p-Xylene	9.36	106	113852	5.483 ug/L	94
54) o-Xylene	9.76	106	112066	5.518 ug/L	94
55) Styrene	9.77	104	186003	5.656 ug/L	98
56) Isopropylbenzene	10.15	105	303788	5.615 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	65193	5.489 ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	45152	5.303 ug/L	99
61) Bromoform	9.94	173	30552	5.456 ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	136849	5.441 ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	135694	5.345 ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	128197	5.282 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	8165	5.294 ug/L	99
67) 1,3,5-Trichlorobenzene	12.87	180	89297	5.243 ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	58148	4.571 ug/L	97
69) Naphthalene	13.73	128	77711	3.929 ug/L	97
70) 1,2,3-Trichlorobenzene	13.97	180	60378	4.881 ug/L	98

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

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