Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\
Data File : VU036044.D
Acq On : 09 Dec 2019 13:08
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV04

Quant Time: Dec 10 01:38:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:36:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	305040	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	315901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	164152	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	117349	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.93	69	122482	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.80%			
11) 1,1-Dichloroethene-d2	2.59	63	230204	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.60%			
20) 2-Butanone-d5	4.70	46	219006	47.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.54%			
24) Chloroform-d	5.11	84	197638	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.74	65	98730	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
32) Benzene-d6	5.77	84	395129	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.73	67	113241	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.93	98	384145	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
43) trans-1,3-Dichloropropene-	8.21	79	50710	5.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.00%			
46) 2-Hexanone-d5	8.68	63	195481	53.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.50%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	99858	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	142342	4.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	133641	4.457	ug/L	98
3) Chloromethane	1.53	50	124823	4.263	ug/L	98
5) Vinyl chloride	1.62	62	141179	4.622	ug/L	99
6) Bromomethane	1.87	94	110773	4.513	ug/L	97
8) Chloroethane	1.95	64	103316	4.446	ug/L	99
9) Trichlorofluoromethane	2.16	101	242784	4.565	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	134900	4.571	ug/L	99
12) 1,1-Dichloroethene	2.61	96	126954	4.784	ug/L	97
13) Acetone	2.68	43	231992	39.446	ug/L	100
14) Carbon disulfide	2.82	76	381675	5.021	ug/L	98
15) Methyl Acetate	3.00	43	42683	4.916	ug/L	96
16) Methylene chloride	3.08	84	139404	4.523	ug/L	92
17) Methyl tert-butyl Ether	3.42	73	227756	4.985	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	105780	4.669	ug/L	98
19) 1,1-Dichloroethane	3.92	63	188757	4.643	ug/L	97
21) 2-Butanone	4.78	43	266763	45.318	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	111313	4.682	ug/L	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VICV04

Quant Time: Dec 10 01:38:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
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	5.02	128	56580	4.603	ug/L	98
25) Chloroform	5.13	83	203437	4.490	ug/L	99
27) 1,2-Dichloroethane	5.84	62	122874	4.590	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	181636	5.101	ug/L	96
30) Cyclohexane	5.43	56	150330	5.378	ug/L	99
31) Carbon tetrachloride	5.56	117	160430	4.983	ug/L	100
33) Benzene	5.82	78	441033	5.108	ug/L	100
34) Trichloroethene	6.58	95	115462	5.037	ug/L	99
35) Methylcyclohexane	6.80	83	166147	5.402	ug/L	98
37) 1,2-Dichloropropane	6.83	63	106824	4.932	ug/L	100
38) Bromodichloromethane	7.14	83	147397	5.064	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	158274	5.377	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	602277	53.242	ug/L	99
42) Toluene	8.00	91	494952	5.345	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	132729	5.216	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	83140	4.876	ug/L	97
47) Tetrachloroethene	8.58	164	108079	4.959	ug/L	98
48) 2-Hexanone	8.73	43	459478	56.620	ug/L	98
49) Dibromochloromethane	8.84	129	109512	4.839	ug/L	93
50) 1,2-Dibromoethane	8.96	107	82728	5.017	ug/L	99
51) Chlorobenzene	9.48	112	317749	4.924	ug/L	99
52) Ethylbenzene	9.60	91	493143	5.084	ug/L	99
53) m,p-Xylene	9.72	106	197857	5.122	ug/L	100
54) o-Xylene	10.13	106	189050	5.212	ug/L	96
55) Styrene	10.14	104	323848	5.207	ug/L	100
56) Isopropylbenzene	10.51	105	502195	5.247	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	105151	4.665	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	74284	4.798	ug/L	98
61) Bromoform	10.32	173	67476	4.131	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	261506	4.870	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	255766	4.835	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	246338	4.643	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	16217	4.866	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	218135	5.996	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	100158	5.185	ug/L	97
69) Naphthalene	14.11	128	92669	4.985	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	101263	5.467	ug/L	98

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

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