Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050820\
Data File : VU038080.D
Acq On : 08 May 2020 10:30
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: May 09 00:08:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 13:37:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	410688	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	400930	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	195666	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	152999	4.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.40%			
7) Chloroethane-d5	1.93	69	131570	4.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.00%			
11) 1,1-Dichloroethene-d2	2.59	63	255088	4.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.20%			
20) 2-Butanone-d5	4.66	46	401446	43.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.62%			
24) Chloroform-d	5.10	84	234865	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.40%			
26) 1,2-Dichloroethane-d4	5.74	65	137014	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
32) Benzene-d6	5.76	84	513804	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%			
36) 1,2-Dichloropropane-d6	6.72	67	167188	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.20%			
41) Toluene-d8	7.92	98	463431	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	8.20	79	64517	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.65	63	316444	43.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.28%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	127464	4.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	164061	4.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	167855	4.469	ug/L	100
3) Chloromethane	1.53	50	193197	4.268	ug/L	98
5) Vinyl chloride	1.62	62	195974	4.418	ug/L	99
6) Bromomethane	1.87	94	101928	4.036	ug/L	99
8) Chloroethane	1.95	64	112900	4.138	ug/L	99
9) Trichlorofluoromethane	2.16	101	202390	4.463	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	127014	4.518	ug/L	99
12) 1,1-Dichloroethene	2.60	96	120882	4.241	ug/L	90
13) Acetone	2.65	43	238084	40.943	ug/L	98
14) Carbon disulfide	2.82	76	421502	4.146	ug/L	100
15) Methyl Acetate	2.98	43	61069	3.754	ug/L	96
16) Methylene chloride	3.08	84	137080	4.126	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	322669	4.074	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	133291	4.284	ug/L	97
19) 1,1-Dichloroethane	3.91	63	258313	4.250	ug/L	100
21) 2-Butanone	4.74	43	417775	40.704	ug/L	100
22) cis-1,2-Dichloroethene	4.70	96	145827	4.349	ug/L	96

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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: May 09 00:08:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 13:37:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	60085	4.164	ug/L	92
25) Chloroform	5.12	83	252896	4.461	ug/L	100
27) 1,2-Dichloroethane	5.83	62	166543	4.162	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	198218	4.315	ug/L	99
30) Cyclohexane	5.42	56	245849	4.533	ug/L	99
31) Carbon tetrachloride	5.56	117	160716	4.353	ug/L	99
33) Benzene	5.81	78	564921	4.400	ug/L	100
34) Trichloroethene	6.57	95	138215	4.304	ug/L	95
35) Methylcyclohexane	6.79	83	238710	4.589	ug/L	98
37) 1,2-Dichloropropane	6.82	63	148483	4.258	ug/L	99
38) Bromodichloromethane	7.13	83	169584	4.206	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	215151	4.311	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	979772	40.537	ug/L	100
42) Toluene	7.99	91	597792	4.411	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	179961	4.240	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	100273	4.140	ug/L	99
47) Tetrachloroethene	8.57	164	99357	4.424	ug/L	97
48) 2-Hexanone	8.71	43	745490	42.116	ug/L	100
49) Dibromochloromethane	8.83	129	104478	4.157	ug/L	99
50) 1,2-Dibromoethane	8.95	107	93408	4.156	ug/L	98
51) Chlorobenzene	9.47	112	372589	4.430	ug/L	99
52) Ethylbenzene	9.59	91	654004	4.455	ug/L	98
53) m,p-Xylene	9.71	106	252263	4.481	ug/L	99
54) o-Xylene	10.12	106	245962	4.519	ug/L	98
55) Styrene	10.13	104	412275	4.512	ug/L	99
56) Isopropylbenzene	10.50	105	644013	4.606	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	124141	4.037	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	96047	4.104	ug/L	100
61) Bromoform	10.31	173	53970	4.081	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	285414	4.483	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	285107	4.420	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	268038	4.376	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	19709	3.937	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	210563	4.558	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	193807	4.626	ug/L	99
69) Naphthalene	14.12	128	385173	4.366	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	176321	4.527	ug/L	99

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

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