Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040792.D
Acq On : 19 Oct 2020 09:52
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Oct 20 01:28:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	129837	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129300	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68780	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	49477	4.60	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.00%			
7) Chloroethane-d5	1.93	69	42298	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.58	63	104442	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.40%			
20) 2-Butanone-d5	4.66	46	170568	49.54	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.08%			
24) Chloroform-d	5.08	84	96517	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.20%			
26) 1,2-Dichloroethane-d4	5.72	65	56125	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.74	84	179655	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.70	67	57676	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.90	98	165424	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
43) trans-1,3-Dichloropropene-	8.19	79	25214	5.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.80%			
46) 2-Hexanone-d5	8.64	63	127892	50.60	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.20%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52702	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	60600	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	53710	4.566	ug/L	99
3) Chloromethane	1.53	50	45847	4.167	ug/L	99
5) Vinyl chloride	1.61	62	51100	4.411	ug/L	86
6) Bromomethane	1.87	94	23443	3.726	ug/L	95
8) Chloroethane	1.94	64	35254	4.779	ug/L	95
9) Trichlorofluoromethane	2.15	101	81543	4.901	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54465	5.043	ug/L	97
12) 1,1-Dichloroethene	2.59	96	46041	4.970	ug/L	86
13) Acetone	2.67	43	140126	52.509	ug/L	100
14) Carbon disulfide	2.81	76	104632	4.035	ug/L	99
15) Methyl Acetate	2.98	43	29302	4.809	ug/L	97
16) Methylene chloride	3.06	84	57704	4.851	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	131231	5.010	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	45099	4.651	ug/L	98
19) 1,1-Dichloroethane	3.89	63	102792	5.125	ug/L	97
21) 2-Butanone	4.74	43	214602	51.580	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	53053	5.073	ug/L	95

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Acq On : 19 Oct 2020 09:52
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Oct 20 01:28:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	26433	5.088 ug/L	96
25) Chloroform	5.11	83	110355	5.389 ug/L	97
27) 1,2-Dichloroethane	5.81	62	74999	5.175 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	90543	5.211 ug/L	98
30) Cyclohexane	5.40	56	72175	4.508 ug/L	98
31) Carbon tetrachloride	5.54	117	76019	5.113 ug/L	96
33) Benzene	5.79	78	210103	5.058 ug/L	100
34) Trichloroethene	6.55	95	53275	4.948 ug/L	98
35) Methylcyclohexane	6.77	83	69563	4.556 ug/L	100
37) 1,2-Dichloropropane	6.80	63	60109	5.193 ug/L	99
38) Bromodichloromethane	7.11	83	80573	5.446 ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	79591	5.033 ug/L	94
40) 4-Methyl-2-pentanone	7.80	43	487047	52.782 ug/L	100
42) Toluene	7.98	91	220523	5.210 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	78326	5.380 ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	45119	5.205 ug/L	98
47) Tetrachloroethene	8.56	164	39870	5.190 ug/L	96
48) 2-Hexanone	8.69	43	375273	54.624 ug/L	99
49) Dibromochloromethane	8.81	129	54101	5.424 ug/L	94
50) 1,2-Dibromoethane	8.93	107	41599	5.059 ug/L	97
51) Chlorobenzene	9.45	112	143562	5.149 ug/L	95
52) Ethylbenzene	9.57	91	235321	5.137 ug/L	100
53) m,p-Xylene	9.69	106	87024	5.212 ug/L	99
54) o-Xylene	10.10	106	85135	5.302 ug/L	94
55) Styrene	10.11	104	155185	5.565 ug/L	100
56) Isopropylbenzene	10.48	105	229353	5.306 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	60250	5.294 ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	44664	5.253 ug/L	98
61) Bromoform	10.29	173	30362	5.150 ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	119657	5.315 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	120563	5.194 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	115426	5.245 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	10097	5.240 ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	81685	5.114 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	64007	5.186 ug/L	97
69) Naphthalene	14.08	128	97038	4.807 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	60144	5.248 ug/L	98

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

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