Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081320\
Data File : VX017886.D
Acq On : 13 Aug 2020 20:04
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00573

Quant Time: Aug 14 07:38:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 14 07:35:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	283730	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	262017	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	134660	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	110550	5.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.80%			
7) Chloroethane-d5	1.69	69	85781	5.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.20%			
11) 1,1-Dichloroethene-d2	2.34	63	223123	5.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 110.60%			
20) 2-Butanone-d5	4.53	46	261375	50.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.40%			
24) Chloroform-d	5.14	84	210370	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
26) 1,2-Dichloroethane-d4	6.03	65	112988	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	6.05	84	402332	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.80%			
36) 1,2-Dichloropropane-d6	7.37	67	124236	5.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.80%			
41) Toluene-d8	8.70	98	376401	5.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.00%			
45) trans-1,3-Dichloropropene-	8.99	79	47401	4.92	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.40%			
48) 2-Hexanone-d5	9.43	63	204917	51.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.40%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	88688	5.25	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.00%			
65) 1,2-Dichlorobenzene-d4	12.36	152	138065	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	143835	4.360	ug/L	99
3) Chloromethane	1.31	50	132385	4.914	ug/L	98
5) Vinyl chloride	1.39	62	137585	5.149	ug/L	98
6) Bromomethane	1.63	94	79451	5.109	ug/L	98
8) Chloroethane	1.71	64	77297	5.171	ug/L	100
9) Trichlorofluoromethane	1.92	101	216144	5.026	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	119754	5.103	ug/L	98
12) 1,1-Dichloroethene	2.36	96	109436	5.032	ug/L	94
13) Acetone	2.42	43	178748	46.988	ug/L	99
14) Carbon disulfide	2.55	76	346198	4.432	ug/L	98
15) Methyl Acetate	2.75	43	45983	4.100	ug/L	99
16) Methylene chloride	2.84	84	121568	4.047	ug/L	98
17) Methyl tert-butyl Ether	3.17	73	264582	4.543	ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	117733	4.771	ug/L	99
19) 1,1-Dichloroethane	3.67	63	219590	4.989	ug/L	97
21) 2-Butanone	4.64	43	291006	44.292	ug/L	100
22) cis-1,2-Dichloroethene	4.57	96	123798	4.781	ug/L #	94

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081320\
Data File : VX017886.D
Acq On : 13 Aug 2020 20:04
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTD00573

Quant Time: Aug 14 07:38:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 14 07:35:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.98	128	60321	4.977	ug/L		98
25) Chloroform	5.18	83	241033	5.084	ug/L		98
27) 1,2-Dichloroethane	6.16	62	143037	4.704	ug/L		100
29) 1,1,1-Trichloroethane	5.46	97	219899	5.116	ug/L		100
30) Cyclohexane	5.55	56	170176	4.563	ug/L		99
31) Carbon tetrachloride	5.76	117	200206	5.054	ug/L		99
33) Benzene	6.11	78	472921	5.098	ug/L		100
34) Trichloroethene	7.18	95	131006	4.838	ug/L		92
35) Methylcyclohexane	7.44	83	172584	4.534	ug/L		100
37) 1,2-Dichloropropane	7.49	63	121903	5.226	ug/L		100
38) Bromodichloromethane	7.88	83	163615	5.035	ug/L		99
39) cis-1,3-Dichloropropene	8.42	75	155049	4.317	ug/L		97
40) 4-Methyl-2-pentanone	8.62	43	659821	43.446	ug/L		100
42) Toluene	8.77	91	485093	4.817	ug/L		96
43) 1,3,5-Trimethylbenzene	11.49	105	435563	4.739	ug/L		99
44) 1,2,4-Trimethylbenzene	11.79	105	423981	4.530	ug/L		98
46) trans-1,3-Dichloropropene	9.02	75	138597	4.326	ug/L		97
47) 1,1,2-Trichloroethane	9.20	97	80785	4.616	ug/L		98
49) Tetrachloroethene	9.32	164	96794	4.468	ug/L		99
50) 2-Hexanone	9.47	43	493919	45.372	ug/L		98
51) Dibromochloromethane	9.57	129	111303	4.617	ug/L		97
52) 1,2-Dibromoethane	9.65	107	78830	4.601	ug/L	#	98
53) Chlorobenzene	10.12	112	309459	4.721	ug/L		98
54) Ethylbenzene	10.24	91	507463	4.618	ug/L		100
55) m,p-xylene	10.34	106	194938	4.646	ug/L		98
56) o-xylene	10.68	106	202234	4.971	ug/L		97
57) Styrene	10.70	104	348789	5.070	ug/L		95
58) Isopropylbenzene	11.01	105	530412	4.871	ug/L		99
60) 1,1,2,2-Tetrachloroethane	11.25	83	94036	4.892	ug/L	#	97
62) Bromoform	10.84	173	67801	5.034	ug/L		98
63) 1,3-Dichlorobenzene	12.01	146	261929	4.994	ug/L		98
64) 1,4-Dichlorobenzene	12.08	146	243260	4.662	ug/L		96
66) 1,2-Dichlorobenzene	12.38	146	230861	4.739	ug/L		97
67) 1,2-Dibromo-3-chloropropan	12.98	75	19424	4.590	ug/L		91
68) 1,3,5-Trichlorobenzene	13.15	180	177700	4.588	ug/L		97
69) 1,2,4-trichlorobenzene	13.63	180	152677	4.453	ug/L		97
70) Naphthalene	13.82	128	281609	4.471	ug/L		98
71) 1,2,3-Trichlorobenzene	14.01	180	144747	4.487	ug/L		96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081320\
Data File : VX017886.D
Acq On : 13 Aug 2020 20:04
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD00573

Quant Time: Aug 14 07:38:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 14 07:35:30 2020
Response via : Initial Calibration