Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012120\
Data File : VV014371.D
Acq On : 21 Jan 2020 15:29
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Quant Time: Jan 21 15:51:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 21 15:31:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	741333	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	677200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	316761	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	227629	4.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.80%			
7) Chloroethane-d5	1.59	69	187444	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.14	63	357051	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	3.95	46	600748	48.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.42%			
24) Chloroform-d	4.40	84	530435	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
26) 1,2-Dichloroethane-d4	5.08	65	250528	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.10	84	1013747	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.12	67	335018	5.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.00%			
41) Toluene-d8	7.36	98	881773	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	7.66	79	131137	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.13	63	647130	55.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.30%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	245058	5.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 111.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	307020	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	271961	4.866	ug/L	99
3) Chloromethane	1.26	50	333840	6.009	ug/L	97
5) Vinyl chloride	1.32	62	290190	5.593	ug/L	99
6) Bromomethane	1.54	94	129995	4.416	ug/L	98
8) Chloroethane	1.60	64	152638	5.236	ug/L	98
9) Trichlorofluoromethane	1.77	101	350802	5.728	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	195756	5.900	ug/L	97
12) 1,1-Dichloroethene	2.14	96	186843	5.641	ug/L	98
13) Acetone	2.22	43	251553	29.316	ug/L	95
14) Carbon disulfide	2.32	76	709449	4.827	ug/L	99
15) Methyl Acetate	2.47	43	112601	5.637	ug/L #	86
16) Methylene chloride	2.54	84	347846	6.451	ug/L	94
17) Methyl tert-butyl Ether	2.81	73	623072	5.083	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	274194	5.507	ug/L	95
19) 1,1-Dichloroethane	3.23	63	536789	5.501	ug/L	97
21) 2-Butanone	4.04	43	604892	46.996	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	309513	5.671	ug/L #	93

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012120\
Data File : VV014371.D
Acq On : 21 Jan 2020 15:29
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Quant Time: Jan 21 15:51:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 21 15:31:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	112430	5.419 ug/L	91
25) Chloroform	4.43	83	539649	5.776 ug/L	97
27) 1,2-Dichloroethane	5.18	62	297468	5.322 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	448794	5.567 ug/L	99
30) Cyclohexane	4.73	56	511405	5.746 ug/L	99
31) Carbon tetrachloride	4.87	117	379771	5.501 ug/L	99
33) Benzene	5.15	78	1183602	5.675 ug/L	100
34) Trichloroethene	5.96	95	297400	5.549 ug/L	98
35) Methylcyclohexane	6.18	83	519043	5.923 ug/L	96
37) 1,2-Dichloropropane	6.22	63	294063	5.586 ug/L	99
38) Bromodichloromethane	6.55	83	369192	5.439 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	455693	5.347 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1757309	52.957 ug/L	98
42) Toluene	7.43	91	1262798	5.736 ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	353606	5.403 ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	190270	5.658 ug/L	99
47) Tetrachloroethene	8.02	164	212333	5.799 ug/L	97
48) 2-Hexanone	8.18	43	1241177	54.076 ug/L	98
49) Dibromochloromethane	8.29	129	226857	5.336 ug/L	96
50) 1,2-Dibromoethane	8.39	107	175790	5.398 ug/L	99
51) Chlorobenzene	8.92	112	773101	5.710 ug/L	98
52) Ethylbenzene	9.05	91	1427887	5.798 ug/L	98
53) m,p-xylene	9.18	106	531246	5.847 ug/L	99
54) o-xylene	9.58	106	517060	5.787 ug/L	98
55) Styrene	9.60	104	862844	5.701 ug/L	98
56) Isopropylbenzene	9.97	105	1383591	5.937 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	230543	5.560 ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	170493	5.435 ug/L	100
61) Bromoform	9.77	173	111045	5.172 ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	575163	5.808 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	571218	5.801 ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	511652	5.721 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	37747	4.592 ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	413633	5.744 ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	356578	5.645 ug/L	99
69) Naphthalene	13.54	128	662149	5.160 ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	316433	5.693 ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012120\
Data File : VV014371.D
Acq On : 21 Jan 2020 15:29
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD00543

Quant Time: Jan 21 15:51:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 21 15:31:21 2020
Response via : Initial Calibration