Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061820\
Data File : VU038982.D
Acq On : 18 Jun 2020 20:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Jun 19 01:22:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 01:17:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	326304	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	319282	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	164822	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	80791	3.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.40%			
7) Chloroethane-d5	1.93	69	77325	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.20%			
11) 1,1-Dichloroethene-d2	2.59	63	182608	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	4.67	46	328312	45.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.58%			
24) Chloroform-d	5.10	84	187617	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.74	65	104920	4.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.80%			
32) Benzene-d6	5.76	84	347323	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
36) 1,2-Dichloropropane-d6	6.72	67	137644	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.92	98	308528	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	8.20	79	47451	4.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.20%			
46) 2-Hexanone-d5	8.65	63	269444	43.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.52%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108639	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	124660	4.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	128446	4.173	ug/L	98
3) Chloromethane	1.53	50	115937	3.788	ug/L	100
5) Vinyl chloride	1.62	62	124479	4.062	ug/L	99
6) Bromomethane	1.88	94	43602	2.504	ug/L	96
8) Chloroethane	1.95	64	89993	4.626	ug/L	99
9) Trichlorofluoromethane	2.16	101	223855	4.807	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	102984	4.300	ug/L	98
12) 1,1-Dichloroethene	2.61	96	100641	4.386	ug/L	98
13) Acetone	2.67	43	216959	43.913	ug/L	98
14) Carbon disulfide	2.82	76	329122	4.250	ug/L	100
15) Methyl Acetate	2.99	43	52881	4.377	ug/L	92
16) Methylene chloride	3.08	84	115590	4.380	ug/L	99
17) Methyl tert-butyl Ether	3.40	73	260730	4.322	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	103385	4.293	ug/L	96
19) 1,1-Dichloroethane	3.91	63	194369	4.446	ug/L	99
21) 2-Butanone	4.75	43	358273	45.841	ug/L	95
22) cis-1,2-Dichloroethene	4.71	96	112082	4.532	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061820\
Data File : VU038982.D
Acq On : 18 Jun 2020 20:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Jun 19 01:22:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 01:17:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	52067	4.444	ug/L	98
25) Chloroform	5.13	83	196450	4.412	ug/L	99
27) 1,2-Dichloroethane	5.83	62	144438	4.457	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	179093	4.521	ug/L	99
30) Cyclohexane	5.42	56	167006	4.444	ug/L	98
31) Carbon tetrachloride	5.56	117	150144	4.300	ug/L	99
33) Benzene	5.81	78	438098	4.593	ug/L	100
34) Trichloroethene	6.57	95	129218	5.340	ug/L	97
35) Methylcyclohexane	6.79	83	184651	4.813	ug/L	96
37) 1,2-Dichloropropane	6.82	63	130138	5.225	ug/L	99
38) Bromodichloromethane	7.13	83	144612	4.465	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	164743	4.502	ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	815262	47.503	ug/L	99
42) Toluene	7.99	91	457333	4.630	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	149687	4.449	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	86325	4.669	ug/L	98
47) Tetrachloroethene	8.57	164	82340	4.391	ug/L	99
48) 2-Hexanone	8.71	43	629327	48.404	ug/L	100
49) Dibromochloromethane	8.83	129	99250	4.482	ug/L	98
50) 1,2-Dibromoethane	8.94	107	82121	4.442	ug/L	97
51) Chlorobenzene	9.47	112	286078	4.455	ug/L	97
52) Ethylbenzene	9.59	91	485645	4.545	ug/L	100
53) m,p-Xylene	9.71	106	188112	4.562	ug/L	95
54) o-Xylene	10.12	106	179902	4.554	ug/L	96
55) Styrene	10.13	104	321567	4.724	ug/L	99
56) Isopropylbenzene	10.50	105	477994	4.546	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	112109	4.392	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	83390	4.341	ug/L	97
61) Bromoform	10.31	173	57089	4.280	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	235178	4.589	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	240078	4.551	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	226144	4.470	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	22823	4.474	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	188892	4.526	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	169204	4.490	ug/L	100
69) Naphthalene	14.11	128	291798	4.006	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	149449	4.281	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061820\
Data File : VU038982.D
Acq On : 18 Jun 2020 20:42
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Quant Time: Jun 19 01:22:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 01:17:22 2020
Response via : Initial Calibration