Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\
Data File : VU032887.D
Acq On : 20 Jun 2019 08:54
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00501

Quant Time: Jun 21 05:27:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	92328	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	90959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48851	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	24879	4.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.80%			
7) Chloroethane-d5	1.68	69	21774	4.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.80%			
11) 1,1-Dichloroethene-d2	2.27	63	57088	4.69	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.80%			
20) 2-Butanone-d5	4.18	46	96752	57.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.50%			
24) Chloroform-d	4.64	84	57215	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.40%			
26) 1,2-Dichloroethane-d4	5.30	65	32932	5.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 117.20%			
32) Benzene-d6	5.33	84	102889	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.32	67	34352	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.56	98	97962	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.60%			
43) trans-1,3-Dichloropropene-	7.85	79	14292	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.31	63	72001	48.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.48%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31844	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	40402	4.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	45322	5.721	ug/L	100
3) Chloromethane	1.33	50	41153	5.009	ug/L	99
5) Vinyl chloride	1.40	62	42893	5.311	ug/L	99
6) Bromomethane	1.62	94	21919	4.449	ug/L	96
8) Chloroethane	1.69	64	25442	4.931	ug/L	99
9) Trichlorofluoromethane	1.88	101	62142	5.377	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	32707	5.323	ug/L	99
12) 1,1-Dichloroethene	2.28	96	29150	4.969	ug/L	98
13) Acetone	2.32	43	72650	55.873	ug/L	95
14) Carbon disulfide	2.47	76	93269	4.965	ug/L	100
15) Methyl Acetate	2.61	43	18588	5.210	ug/L	96
16) Methylene chloride	2.69	84	33207	5.104	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	86167	5.022	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	31714	5.011	ug/L	96
19) 1,1-Dichloroethane	3.43	63	65700	5.799	ug/L	99
21) 2-Butanone	4.27	43	110490	58.425	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	36905	5.152	ug/L	92

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\
Data File : VU032887.D
Acq On : 20 Jun 2019 08:54
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00501

Quant Time: Jun 21 05:27:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	17363	5.632 ug/L	99
25) Chloroform	4.67	83	66781	5.770 ug/L	95
27) 1,2-Dichloroethane	5.40	62	46182	6.072 ug/L	100
29) 1,1,1-Trichloroethane	4.90	97	58330	5.262 ug/L	97
30) Cyclohexane	4.98	56	55029	4.697 ug/L	96
31) Carbon tetrachloride	5.13	117	52651	5.224 ug/L	99
33) Benzene	5.38	78	135713	5.061 ug/L	100
34) Trichloroethene	6.18	95	36163	4.688 ug/L	96
35) Methylcyclohexane	6.40	83	57389	4.626 ug/L	96
37) 1,2-Dichloropropane	6.43	63	37735	5.438 ug/L	100
38) Bromodichloromethane	6.75	83	47879	5.368 ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	54044	5.073 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	265097	53.687 ug/L	96
42) Toluene	7.63	91	151016	5.053 ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	44457	5.227 ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	27163	5.381 ug/L	98
47) Tetrachloroethene	8.22	164	30928	5.095 ug/L	94
48) 2-Hexanone	8.36	43	190537	53.997 ug/L	96
49) Dibromochloromethane	8.47	129	32382	5.015 ug/L	93
50) 1,2-Dibromoethane	8.58	107	26389	5.245 ug/L	95
51) Chlorobenzene	9.11	112	95727	5.108 ug/L	99
52) Ethylbenzene	9.24	91	163357	4.959 ug/L	99
53) m,p-Xylene	9.37	106	62071	4.971 ug/L	96
54) o-Xylene	9.77	106	59638	4.785 ug/L	94
55) Styrene	9.79	104	103596	5.053 ug/L	100
56) Isopropylbenzene	10.16	105	161730	4.920 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	35568	5.509 ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	25590	5.616 ug/L	99
61) Bromoform	9.95	173	19128	4.873 ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	78472	4.921 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	81547	5.030 ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	77707	5.043 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5365	4.959 ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	65749	5.144 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	52088	5.054 ug/L	96
69) Naphthalene	13.74	128	85210	4.717 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	50000	4.872 ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062019\
Data File : VU032887.D
Acq On : 20 Jun 2019 08:54
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00501

Quant Time: Jun 21 05:27:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 20 05:14:15 2019
Response via : Initial Calibration