Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\
Data File : VU033078.D
Acq On : 28 Jun 2019 17:54
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Jun 29 00:36:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	90284	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	93314	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48715	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	27232	4.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.68	69	23730	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.27	63	62670	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	4.19	46	91798	50.32	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.64%			
24) Chloroform-d	4.64	84	60388	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.30	65	33624	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
32) Benzene-d6	5.33	84	110228	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.32	67	35419	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.56	98	105835	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	7.85	79	15052	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.31	63	63755	48.81	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.62%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31598	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	43164	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46437	4.996	ug/L	99
3) Chloromethane	1.33	50	43279	4.944	ug/L	98
5) Vinyl chloride	1.40	62	43956	4.978	ug/L	99
6) Bromomethane	1.62	94	23072	4.984	ug/L	95
8) Chloroethane	1.69	64	25890	5.060	ug/L	97
9) Trichlorofluoromethane	1.88	101	64185	5.129	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	32659	5.043	ug/L	98
12) 1,1-Dichloroethene	2.28	96	29377	4.888	ug/L	97
13) Acetone	2.32	43	73869	48.047	ug/L	99
14) Carbon disulfide	2.47	76	98927	4.948	ug/L	100
15) Methyl Acetate	2.61	43	17372	4.884	ug/L	98
16) Methylene chloride	2.69	84	33483	4.859	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	83890	4.976	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	32368	4.921	ug/L	96
19) 1,1-Dichloroethane	3.43	63	65367	5.056	ug/L	100
21) 2-Butanone	4.27	43	105909	48.937	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	35581	4.979	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\
Data File : VU033078.D
Acq On : 28 Jun 2019 17:54
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Jun 29 00:36:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	17233	5.435 ug/L	97
25) Chloroform	4.67	83	66874	5.090 ug/L	96
27) 1,2-Dichloroethane	5.40	62	46716	5.192 ug/L	96
29) 1,1,1-Trichloroethane	4.90	97	57606	4.859 ug/L	100
30) Cyclohexane	4.98	56	52824	4.809 ug/L	100
31) Carbon tetrachloride	5.12	117	52753	4.891 ug/L	98
33) Benzene	5.38	78	137107	4.984 ug/L	100
34) Trichloroethene	6.18	95	36208	4.806 ug/L	99
35) Methylcyclohexane	6.41	83	54519	4.861 ug/L	99
37) 1,2-Dichloropropane	6.43	63	37179	5.039 ug/L	99
38) Bromodichloromethane	6.75	83	48226	4.958 ug/L	95
39) cis-1,3-Dichloropropene	7.26	75	52545	4.885 ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	253814	49.914 ug/L	99
42) Toluene	7.63	91	146839	4.997 ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	43953	5.014 ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	25581	4.945 ug/L	97
47) Tetrachloroethene	8.22	164	31922	5.267 ug/L	98
48) 2-Hexanone	8.36	43	186869	51.355 ug/L	99
49) Dibromochloromethane	8.47	129	32453	4.944 ug/L	99
50) 1,2-Dibromoethane	8.58	107	24792	4.915 ug/L	95
51) Chlorobenzene	9.11	112	95199	4.904 ug/L	99
52) Ethylbenzene	9.24	91	158659	4.904 ug/L	98
53) m,p-Xylene	9.37	106	61305	5.221 ug/L	98
54) o-Xylene	9.77	106	58066	5.074 ug/L	98
55) Styrene	9.79	104	101001	5.214 ug/L	97
56) Isopropylbenzene	10.16	105	154697	4.979 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	32561	4.852 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	24437	4.949 ug/L	98
61) Bromoform	9.95	173	19033	5.133 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	76838	5.044 ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	79705	5.015 ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	75909	5.138 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5404	5.318 ug/L	91
67) 1,3,5-Trichlorobenzene	12.88	180	62915	5.182 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	46104	5.313 ug/L	95
69) Naphthalene	13.74	128	65674	5.158 ug/L	96
70) 1,2,3-Trichlorobenzene	13.98	180	44464	5.226 ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\
Data File : VU033078.D
Acq On : 28 Jun 2019 17:54
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00508

Quant Time: Jun 29 00:36:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration