Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\
Data File : VU033098.D
Acq On : 29 Jun 2019 02:46
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Jun 29 03:32:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 03:29:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87235	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46602	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	27902	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.68	69	23859	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.60%			
11) 1,1-Dichloroethene-d2	2.27	63	63384	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.60%			
20) 2-Butanone-d5	4.19	46	93055	52.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.58%			
24) Chloroform-d	4.64	84	60593	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
26) 1,2-Dichloroethane-d4	5.30	65	34193	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.33	84	110283	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.32	67	35950	4.97	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.40%			
41) Toluene-d8	7.56	98	108895	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
43) trans-1,3-Dichloropropene-	7.85	79	14826	4.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.00%			
46) 2-Hexanone-d5	8.31	63	64655	51.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.90%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31506	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	43860	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	43666	4.862	ug/L	99
3) Chloromethane	1.33	50	41274	4.879	ug/L	99
5) Vinyl chloride	1.40	62	42475	4.978	ug/L	97
6) Bromomethane	1.62	94	21501	4.807	ug/L	97
8) Chloroethane	1.69	64	24859	5.029	ug/L	99
9) Trichlorofluoromethane	1.88	101	61152	5.057	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	30791	4.920	ug/L	98
12) 1,1-Dichloroethene	2.28	96	28556	4.918	ug/L	98
13) Acetone	2.32	43	70289	47.316	ug/L	99
14) Carbon disulfide	2.47	76	93958	4.863	ug/L	100
15) Methyl Acetate	2.61	43	18504	5.385	ug/L	95
16) Methylene chloride	2.69	84	32900	4.941	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	81098	4.978	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	31168	4.904	ug/L	97
19) 1,1-Dichloroethane	3.43	63	62822	5.029	ug/L	98
21) 2-Butanone	4.27	43	101807	48.686	ug/L	99
22) cis-1,2-Dichloroethene	4.21	96	33716	4.883	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\
Data File : VU033098.D
Acq On : 29 Jun 2019 02:46
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00509

Quant Time: Jun 29 03:32:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 03:29:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	16153	5.272 ug/L	96
25) Chloroform	4.67	83	65087	5.127 ug/L	96
27) 1,2-Dichloroethane	5.40	62	43635	5.019 ug/L	98
29) 1,1,1-Trichloroethane	4.90	97	55558	4.871 ug/L	98
30) Cyclohexane	4.98	56	48706	4.610 ug/L	99
31) Carbon tetrachloride	5.12	117	50154	4.834 ug/L	97
33) Benzene	5.38	78	129677	4.900 ug/L	100
34) Trichloroethene	6.18	95	34373	4.743 ug/L	97
35) Methylcyclohexane	6.40	83	48581	4.502 ug/L	99
37) 1,2-Dichloropropane	6.42	63	34792	4.902 ug/L	99
38) Bromodichloromethane	6.75	83	46098	4.926 ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	45854	4.431 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	241294	49.328 ug/L	100
42) Toluene	7.63	91	139220	4.925 ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	38895	4.612 ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	24420	4.907 ug/L	99
47) Tetrachloroethene	8.22	164	31970	5.484 ug/L	98
48) 2-Hexanone	8.36	43	179697	51.336 ug/L	98
49) Dibromochloromethane	8.47	129	32049	5.076 ug/L	99
50) 1,2-Dibromoethane	8.58	107	24021	4.951 ug/L	99
51) Chlorobenzene	9.11	112	90050	4.822 ug/L	99
52) Ethylbenzene	9.24	91	147400	4.736 ug/L	99
53) m,p-Xylene	9.37	106	55298	4.895 ug/L	99
54) o-Xylene	9.77	106	53212	4.833 ug/L	98
55) Styrene	9.79	104	94373	5.064 ug/L	100
56) Isopropylbenzene	10.16	105	143181	4.791 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	30473	4.720 ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	22745	4.789 ug/L	100
61) Bromoform	9.95	173	18086	5.098 ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	69879	4.795 ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	73276	4.819 ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	70773	5.007 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	5007	5.151 ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	55139	4.747 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	42023	5.062 ug/L	95
69) Naphthalene	13.74	128	54742	4.494 ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	41931	5.152 ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062919\
Data File : VU033098.D
Acq On : 29 Jun 2019 02:46
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00509

Quant Time: Jun 29 03:32:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 03:29:42 2019
Response via : Initial Calibration