Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034394.D
Acq On : 07 Sep 2019 21:03
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Sep 08 02:36:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	274050	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	151945	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	80410	4.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.20%			
7) Chloroethane-d5	1.67	69	72568	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.26	63	164969	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.18	46	237987	55.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.64%			
24) Chloroform-d	4.63	84	168712	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.29	65	79870	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.32	84	348772	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
36) 1,2-Dichloropropane-d6	6.31	67	110937	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.00%			
41) Toluene-d8	7.54	98	324532	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
43) trans-1,3-Dichloropropene-	7.83	79	38515	4.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.60%			
46) 2-Hexanone-d5	8.30	63	190329	55.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.14%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	88493	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	131626	5.04	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	128229	4.883	ug/L	99
3) Chloromethane	1.32	50	123366	4.758	ug/L	100
5) Vinyl chloride	1.40	62	131065	4.870	ug/L	100
6) Bromomethane	1.62	94	56265	4.448	ug/L	99
8) Chloroethane	1.69	64	77239	5.000	ug/L	97
9) Trichlorofluoromethane	1.88	101	157113	5.226	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	92563	5.351	ug/L	97
12) 1,1-Dichloroethene	2.27	96	91871	5.390	ug/L	90
13) Acetone	2.32	43	144383	50.577	ug/L	98
14) Carbon disulfide	2.47	76	291418	5.009	ug/L	99
15) Methyl Acetate	2.61	43	40331	5.036	ug/L	97
16) Methylene chloride	2.68	84	98917	5.112	ug/L	93
17) Methyl tert-butyl Ether	2.99	73	222627	5.249	ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	98017	5.318	ug/L	97
19) 1,1-Dichloroethane	3.42	63	185699	5.109	ug/L	99
21) 2-Butanone	4.26	43	258766	54.406	ug/L	100
22) cis-1,2-Dichloroethene	4.20	96	107013	5.163	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034394.D
Acq On : 07 Sep 2019 21:03
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Sep 08 02:36:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.53	128	49166	5.524 ug/L	92
25) Chloroform	4.65	83	182451	4.931 ug/L	97
27) 1,2-Dichloroethane	5.39	62	104274	5.106 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	149119	4.911 ug/L	98
30) Cyclohexane	4.97	56	157323	4.380 ug/L	98
31) Carbon tetrachloride	5.11	117	133855	4.985 ug/L	100
33) Benzene	5.37	78	407837	4.869 ug/L	100
34) Trichloroethene	6.16	95	103587	4.798 ug/L	94
35) Methylcyclohexane	6.39	83	166231	4.647 ug/L	99
37) 1,2-Dichloropropane	6.41	63	106989	4.958 ug/L	100
38) Bromodichloromethane	6.74	83	123596	4.917 ug/L	96
39) cis-1,3-Dichloropropene	7.25	75	136340	4.532 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	615624	51.417 ug/L	99
42) Toluene	7.62	91	436642	4.940 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	108258	4.842 ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	71441	5.162 ug/L	99
47) Tetrachloroethene	8.21	164	90644	5.109 ug/L	95
48) 2-Hexanone	8.35	43	445155	53.386 ug/L	99
49) Dibromochloromethane	8.46	129	87587	5.334 ug/L	99
50) 1,2-Dibromoethane	8.57	107	67640	5.164 ug/L	99
51) Chlorobenzene	9.10	112	279937	4.965 ug/L	99
52) Ethylbenzene	9.23	91	453762	4.751 ug/L	99
53) m,p-Xylene	9.35	106	176971	4.820 ug/L	98
54) o-Xylene	9.76	106	174243	4.953 ug/L	100
55) Styrene	9.77	104	304701	5.185 ug/L	97
56) Isopropylbenzene	10.14	105	444183	4.746 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	93737	5.267 ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	65105	5.268 ug/L	98
61) Bromoform	9.94	173	51676	5.434 ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	238441	5.034 ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	239652	5.018 ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	225749	5.200 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	13658	5.196 ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	182029	4.798 ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	142949	4.916 ug/L	96
69) Naphthalene	13.72	128	216468	4.944 ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	139177	5.256 ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
Data File : VU034394.D
Acq On : 07 Sep 2019 21:03
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00518

Quant Time: Sep 08 02:36:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 14:18:00 2019
Response via : Initial Calibration