Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035327.D
Acq On : 21 Oct 2019 16:05
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Oct 22 06:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:13:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	377318	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	366855	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	175482	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	90379	3.93	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.60%			
7) Chloroethane-d5	1.93	69	86900	4.13	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.60%			
11) 1,1-Dichloroethene-d2	2.60	63	192535	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%			
20) 2-Butanone-d5	4.70	46	309409	46.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.60%			
24) Chloroform-d	5.11	84	191874	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.75	65	103029	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
32) Benzene-d6	5.77	84	354280	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
36) 1,2-Dichloropropane-d6	6.74	67	121278	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.93	98	326053	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.20%			
43) trans-1,3-Dichloropropene-	8.21	79	51180	3.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.20%			
46) 2-Hexanone-d5	8.68	63	253152	44.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.80%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	110184	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	127975	4.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	178269	5.551	ug/L	99
3) Chloromethane	1.54	50	182654	5.734	ug/L	99
5) Vinyl chloride	1.62	62	186982	5.715	ug/L	100
6) Bromomethane	1.87	94	104364	5.403	ug/L	98
8) Chloroethane	1.95	64	113241	5.369	ug/L	98
9) Trichlorofluoromethane	2.16	101	238717	5.465	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	139159	5.530	ug/L	96
12) 1,1-Dichloroethene	2.61	96	127570	5.263	ug/L	86
13) Acetone	2.67	43	255943	55.652	ug/L	100
14) Carbon disulfide	2.82	76	411782	5.372	ug/L	99
15) Methyl Acetate	3.00	43	57503	5.018	ug/L	99
16) Methylene chloride	3.08	84	164633	5.646	ug/L	98
17) Methyl tert-butyl Ether	3.43	73	343453	5.264	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	141585	5.412	ug/L	96
19) 1,1-Dichloroethane	3.92	63	269743	5.702	ug/L	99
21) 2-Butanone	4.78	43	382009	50.962	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	158621	5.486	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035327.D
Acq On : 21 Oct 2019 16:05
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Oct 22 06:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:13:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	68308	5.488	ug/L	97
25) Chloroform	5.14	83	279876	5.392	ug/L	99
27) 1,2-Dichloroethane	5.84	62	171119	5.375	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	233722	5.439	ug/L	99
30) Cyclohexane	5.43	56	239892	5.212	ug/L	99
31) Carbon tetrachloride	5.56	117	205177	5.303	ug/L	100
33) Benzene	5.82	78	592846	5.492	ug/L	100
34) Trichloroethene	6.58	95	156283	5.385	ug/L	98
35) Methylcyclohexane	6.80	83	254488	5.247	ug/L	99
37) 1,2-Dichloropropane	6.83	63	151384	5.525	ug/L	99
38) Bromodichloromethane	7.15	83	194983	5.282	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	235216	5.129	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	933227	50.450	ug/L	99
42) Toluene	8.01	91	653613	5.485	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	191389	5.106	ug/L	98
45) 1,1,2-Trichloroethane	8.44	97	108994	5.358	ug/L	96
47) Tetrachloroethene	8.58	164	127482	5.273	ug/L	98
48) 2-Hexanone	8.73	43	653949	50.409	ug/L	99
49) Dibromochloromethane	8.84	129	133924	5.193	ug/L	97
50) 1,2-Dibromoethane	8.96	107	103611	5.095	ug/L	99
51) Chlorobenzene	9.48	112	416505	5.414	ug/L	99
52) Ethylbenzene	9.60	91	729200	5.382	ug/L	99
53) m,p-Xylene	9.73	106	272710	5.330	ug/L	100
54) o-Xylene	10.13	106	263085	5.268	ug/L	99
55) Styrene	10.14	104	441886	5.435	ug/L	99
56) Isopropylbenzene	10.51	105	711066	5.294	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	140106	5.352	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	100623	5.271	ug/L	100
61) Bromoform	10.32	173	79719	4.904	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	314126	5.246	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	310455	5.273	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	296897	5.278	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.03	75	19014	4.785	ug/L	93
67) 1,3,5-Trichlorobenzene	13.25	180	199097	5.365	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	138949	5.625	ug/L	99
69) Naphthalene	14.11	128	206756	6.098	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	131293	5.684	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035327.D
Acq On : 21 Oct 2019 16:05
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00529

Quant Time: Oct 22 06:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:13:43 2019
Response via : Initial Calibration