Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021319\
Data File : VU029438.D
Acq On : 13 Feb 2019 10:32
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00553

Quant Time: Feb 14 00:18:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213577	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	200456	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	114285	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	67326	4.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.80%			
7) Chloroethane-d5	1.68	69	59966	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.27	63	150730	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.60%			
20) 2-Butanone-d5	4.19	46	147101	49.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.60%			
24) Chloroform-d	4.65	84	108974	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.31	65	57160	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.34	84	240410	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.33	67	70115	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.56	98	236676	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	7.85	79	30614	4.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.20%			
46) 2-Hexanone-d5	8.31	63	150152	51.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.52%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60999	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	101740	4.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	97581	5.217	ug/L	99
3) Chloromethane	1.32	50	87575	4.962	ug/L	98
5) Vinyl chloride	1.40	62	104984	5.104	ug/L	98
6) Bromomethane	1.63	94	55945	4.663	ug/L	98
8) Chloroethane	1.70	64	66859	4.992	ug/L	98
9) Trichlorofluoromethane	1.88	101	164312	5.219	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	98242	5.294	ug/L	97
12) 1,1-Dichloroethene	2.28	96	92500	5.263	ug/L	92
13) Acetone	2.32	43	139226	51.366	ug/L	98
14) Carbon disulfide	2.48	76	299067	5.164	ug/L	99
15) Methyl Acetate	2.62	43	36229	5.218	ug/L	99
16) Methylene chloride	2.70	84	99583	5.041	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	228692	5.196	ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	99973	5.334	ug/L	97
19) 1,1-Dichloroethane	3.44	63	145474	5.152	ug/L	99
21) 2-Butanone	4.28	43	177555	53.013	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	90084	5.225	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021319\
Data File : VU029438.D
Acq On : 13 Feb 2019 10:32
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00553

Quant Time: Feb 14 00:18:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	42160	5.417 ug/L	94
25) Chloroform	4.67	83	152395	5.394 ug/L	96
27) 1,2-Dichloroethane	5.40	62	86103	5.267 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	129403	5.219 ug/L	100
30) Cyclohexane	4.99	56	122622	5.161 ug/L	98
31) Carbon tetrachloride	5.13	117	117086	5.227 ug/L	99
33) Benzene	5.39	78	307252	5.207 ug/L	100
34) Trichloroethene	6.18	95	87790	5.292 ug/L	96
35) Methylcyclohexane	6.41	83	145460	5.212 ug/L	97
37) 1,2-Dichloropropane	6.43	63	77695	5.257 ug/L	99
38) Bromodichloromethane	6.76	83	102135	5.230 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	121806	5.237 ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	444202	52.143 ug/L	99
42) Toluene	7.63	91	352617	5.324 ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	100706	5.272 ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	58822	5.196 ug/L	92
47) Tetrachloroethene	8.22	164	82033	5.398 ug/L	98
48) 2-Hexanone	8.36	43	315645	50.838 ug/L	99
49) Dibromochloromethane	8.48	129	81345	5.331 ug/L	96
50) 1,2-Dibromoethane	8.59	107	60050	5.360 ug/L	96
51) Chlorobenzene	9.12	112	241785	5.309 ug/L	99
52) Ethylbenzene	9.25	91	397706	5.304 ug/L	100
53) m,p-xylene	9.37	106	158147	5.288 ug/L	99
54) o-xylene	9.77	106	154847	5.276 ug/L	99
55) Styrene	9.79	104	256481	5.264 ug/L	100
56) Isopropylbenzene	10.16	105	409232	5.286 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	72963	5.281 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	50600	5.337 ug/L	95
61) Bromoform	9.96	173	50757	5.247 ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	210984	5.211 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	213550	5.282 ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	196977	5.163 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	12079	5.061 ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	174948	5.208 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	152699	5.397 ug/L	99
69) Naphthalene	13.74	128	249938	5.115 ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	138367	5.115 ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021319\
Data File : VU029438.D
Acq On : 13 Feb 2019 10:32
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00553

Quant Time: Feb 14 00:18:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration