Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\
Data File : VU034984.D
Acq On : 08 Oct 2019 11:27
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Manual Integrations APPROVED
MMDadoda
10/9/2019 3:47:45 PM

Quant Time: Oct 09 07:45:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	185380	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	184457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	79649	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	46722	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.67	69	45230	4.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.40%			
11) 1,1-Dichloroethene-d2	2.26	63	71848	3.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.20%			
20) 2-Butanone-d5	4.19	46	161228	49.96	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.92%			
24) Chloroform-d	4.62	84	85525	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.40%			
26) 1,2-Dichloroethane-d4	5.29	65	56639	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	5.32	84	197190	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.31	67	68583	4.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.80%			
41) Toluene-d8	7.54	98	178523	4.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.40%			
43) trans-1,3-Dichloropropene-	7.84	79	20758	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.30	63	115937	46.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.68%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	58014	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	11.84	152	67316	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4404	0.260	ug/L	96
3) Chloromethane	1.32	50	4859	0.261	ug/L	97
5) Vinyl chloride	1.40	62	4859	0.266	ug/L	90
6) Bromomethane	1.62	94	2431	0.240	ug/L	81
8) Chloroethane	1.69	64	3086	0.282	ug/L	97
9) Trichlorofluoromethane	1.87	101	5892	0.267	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3574	0.282	ug/L	88
12) 1,1-Dichloroethene	2.27	96	3542	0.297	ug/L #	1
13) Acetone	2.34	43	8261	3.126	ug/L	66
14) Carbon disulfide	2.47	76	9574	0.242	ug/L #	93
15) Methyl Acetate	2.62	43	2014	0.286	ug/L #	84
16) Methylene chloride	2.69	84	5745	0.390	ug/L	95
17) Methyl tert-butyl Ether	2.99	73	8561	0.264	ug/L	97
18) trans-1,2-Dichloroethene	2.96	96	3356	0.263	ug/L	97
19) 1,1-Dichloroethane	3.42	63	6620	0.261	ug/L	95
21) 2-Butanone	4.28	43	9800m	2.604	ug/L	
22) cis-1,2-Dichloroethene	4.20	96	3244	0.228	ug/L	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\
Data File : VU034984.D
Acq On : 08 Oct 2019 11:27
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Manual Integrations APPROVED
MMDadoda
10/9/2019 3:47:45 PM

Quant Time: Oct 09 07:45:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.52	128	1588	0.266	ug/L		93
25) Chloroform	4.65	83	25687	0.902	ug/L		100
27) 1,2-Dichloroethane	5.38	62	4609	0.277	ug/L		98
29) 1,1,1-Trichloroethane	4.89	97	4620	0.223	ug/L		95
30) Cyclohexane	4.97	56	5121	0.225	ug/L		97
31) Carbon tetrachloride	5.11	117	4542	0.253	ug/L		98
33) Benzene	5.37	78	13512	0.243	ug/L		100
34) Trichloroethene	6.17	95	3293	0.230	ug/L		92
35) Methylcyclohexane	6.39	83	5274	0.227	ug/L		93
37) 1,2-Dichloropropane	6.41	63	4006	0.267	ug/L	#	88
38) Bromodichloromethane	6.74	83	4514	0.257	ug/L		97
39) cis-1,3-Dichloropropene	7.26	75	4732m	0.233	ug/L		
40) 4-Methyl-2-pentanone	7.45	43	20562	2.180	ug/L	#	83
42) Toluene	7.62	91	14274	0.246	ug/L		89
44) trans-1,3-Dichloropropene	7.86	75	3258m	0.207	ug/L		
45) 1,1,2-Trichloroethane	8.05	97	2518	0.253	ug/L		93
47) Tetrachloroethene	8.21	164	2761	0.238	ug/L		93
48) 2-Hexanone	8.35	43	17286	2.673	ug/L		97
49) Dibromochloromethane	8.45	129	2408	0.209	ug/L		100
50) 1,2-Dibromoethane	8.57	107	2258	0.237	ug/L	#	91
51) Chlorobenzene	9.10	112	9129	0.243	ug/L		97
52) Ethylbenzene	9.23	91	14932	0.233	ug/L		97
53) m,p-Xylene	9.35	106	5304	0.224	ug/L		99
54) o-Xylene	9.76	106	5168	0.223	ug/L		94
55) Styrene	9.78	104	6919	0.185	ug/L		93
56) Isopropylbenzene	10.15	105	13216	0.214	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.44	83	3324	0.246	ug/L	#	93
59) 1,2,3-Trichloropropane	10.48	75	2469m	0.254	ug/L		
61) Bromoform	9.94	173	1136	0.208	ug/L	#	86
62) 1,3-Dichlorobenzene	11.40	146	6340	0.258	ug/L		95
63) 1,4-Dichlorobenzene	11.49	146	6708	0.271	ug/L		95
65) 1,2-Dichlorobenzene	11.86	146	6287	0.266	ug/L		93
67) 1,3,5-Trichlorobenzene	12.88	180	3441	0.207	ug/L	#	91
70) 1,2,3-Trichlorobenzene	13.99	180	1851m	0.153	ug/L		

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\
Data File : VU034984.D
Acq On : 08 Oct 2019 11:27
Operator : JC/SP
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 09 07:45:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 07:15:09 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
10/9/2019 3:47:45 PM