Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\
Data File : VU034986.D
Acq On : 08 Oct 2019 12:15
Operator : JC/SP
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
10/9/2019 3:47:57 PM

Quant Time: Oct 09 07:50:27 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	178555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	180778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	78562	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	46207	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	1.68	69	44328	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.26	63	73091	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.20	46	159445	51.30	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.60%			
24) Chloroform-d	4.62	84	84640	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
26) 1,2-Dichloroethane-d4	5.29	65	57855	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.32	84	194794	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.31	67	67755	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.54	98	177328	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	7.84	79	21852	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.30	63	115435	47.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.18%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55843	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.60%			
64) 1,2-Dichlorobenzene-d4	11.84	152	66994	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	4323	0.265	ug/L	99
3) Chloromethane	1.32	50	5113	0.286	ug/L	98
5) Vinyl chloride	1.40	62	4751	0.270	ug/L	87
6) Bromomethane	1.62	94	2678	0.274	ug/L	100
8) Chloroethane	1.69	64	3167	0.300	ug/L	91
9) Trichlorofluoromethane	1.88	101	5969	0.281	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	3886	0.318	ug/L	93
12) 1,1-Dichloroethene	2.27	96	3683	0.321	ug/L #	1
13) Acetone	2.35	43	8122	3.190	ug/L	68
14) Carbon disulfide	2.47	76	10294	0.270	ug/L #	91
15) Methyl Acetate	2.61	43	2378	0.351	ug/L #	86
16) Methylene chloride	2.69	84	5922	0.417	ug/L	91
17) Methyl tert-butyl Ether	2.99	73	8422	0.269	ug/L	94
18) trans-1,2-Dichloroethene	2.96	96	3475	0.283	ug/L	95
19) 1,1-Dichloroethane	3.42	63	6660	0.273	ug/L	95
21) 2-Butanone	4.30	43	10238m	2.824	ug/L	
22) cis-1,2-Dichloroethene	4.21	96	3703	0.270	ug/L	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\
Data File : VU034986.D
Acq On : 08 Oct 2019 12:15
Operator : JC/SP
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
10/9/2019 3:47:57 PM

Quant Time: Oct 09 07:50:27 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	4.53	128	1535	0.267 ug/L	93
25) Chloroform	4.65	83	25685	0.937 ug/L	97
27) 1,2-Dichloroethane	5.39	62	4499	0.281 ug/L #	95
29) 1,1,1-Trichloroethane	4.89	97	5282	0.260 ug/L	94
30) Cyclohexane	4.97	56	5343	0.239 ug/L	98
31) Carbon tetrachloride	5.11	117	4527	0.257 ug/L	95
33) Benzene	5.37	78	14328	0.263 ug/L	100
34) Trichloroethene	6.17	95	4082	0.291 ug/L	91
35) Methylcyclohexane	6.39	83	5771	0.254 ug/L	98
37) 1,2-Dichloropropane	6.41	63	4227	0.288 ug/L #	88
38) Bromodichloromethane	6.74	83	4494	0.261 ug/L	90
39) cis-1,3-Dichloropropene	7.26	75	4458	0.224 ug/L	92
40) 4-Methyl-2-pentanone	7.45	43	21725	2.350 ug/L #	85
42) Toluene	7.62	91	15258	0.268 ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	4013m	0.260 ug/L	
45) 1,1,2-Trichloroethane	8.05	97	2640	0.271 ug/L	93
47) Tetrachloroethene	8.21	164	2909	0.256 ug/L	86
48) 2-Hexanone	8.36	43	18492	2.917 ug/L #	92
49) Dibromochloromethane	8.46	129	2758	0.245 ug/L	90
50) 1,2-Dibromoethane	8.57	107	1988	0.213 ug/L #	77
51) Chlorobenzene	9.10	112	9369	0.254 ug/L	87
52) Ethylbenzene	9.23	91	15456	0.246 ug/L	99
53) m,p-Xylene	9.36	106	5435	0.234 ug/L	95
54) o-Xylene	9.76	106	5149	0.227 ug/L	97
55) Styrene	9.78	104	7622	0.208 ug/L	95
56) Isopropylbenzene	10.14	105	14062	0.233 ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.44	83	3909	0.295 ug/L #	99
59) 1,2,3-Trichloropropane	10.47	75	2564	0.270 ug/L	95
61) Bromoform	9.94	173	1328	0.246 ug/L #	95
62) 1,3-Dichlorobenzene	11.40	146	6370	0.263 ug/L	93
63) 1,4-Dichlorobenzene	11.49	146	7062	0.289 ug/L	93
65) 1,2-Dichlorobenzene	11.86	146	7068	0.303 ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	3885	0.237 ug/L #	92
69) Naphthalene	13.78	128	2349m	0.123 ug/L	
70) 1,2,3-Trichlorobenzene	14.01	180	1969m	0.165 ug/L	

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100819\
Data File : VU034986.D
Acq On : 08 Oct 2019 12:15
Operator : JC/SP
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 09 07:50:27 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 :
MDL04

Manual Integrations APPROVED
MMDadoda
10/9/2019 3:47:57 PM