Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073019\
Data File : VV012071.D
Acq On : 30 Jul 2019 12:30
Operator : SY/MD
Sample : MDL05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMdadoda
8/1/2019 3:18:26 PM

Quant Time: Jul 31 09:36:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 09:22:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	122796	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	120131	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.30	152	60395	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	30672	4.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.20%			
7) Chloroethane-d5	1.59	69	23744	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.13	63	49317	3.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.40%			
20) 2-Butanone-d5	3.97	46	84389	53.47	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.94%			
24) Chloroform-d	4.40	84	77837	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.60%			
26) 1,2-Dichloroethane-d4	5.09	65	45354	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.60%			
32) Benzene-d6	5.10	84	158560	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
36) 1,2-Dichloropropane-d6	6.12	67	44333	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.80%			
41) Toluene-d8	7.36	98	147987	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
43) trans-1,3-Dichloropropene-	7.67	79	19171	5.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.60%			
46) 2-Hexanone-d5	8.14	63	65744	50.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.48%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	31039	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
66) 1,2-Dichlorobenzene-d4	11.67	152	59768	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3882	0.277	ug/L	100
3) Chloromethane	1.25	50	1957	0.244	ug/L	90
5) Vinyl chloride	1.33	62	1963	0.240	ug/L #	67
6) Bromomethane	1.54	94	1343	0.274	ug/L	95
8) Chloroethane	1.60	64	1398	0.314	ug/L	97
9) Trichlorofluoromethane	1.77	101	3960	0.282	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2149	0.353	ug/L	90
12) 1,1-Dichloroethene	2.14	96	2000	0.355	ug/L #	1
13) Acetone	2.24	43	2740m	3.154	ug/L	
14) Carbon disulfide	2.32	76	4248	0.270	ug/L	98
15) Methyl Acetate	2.48	43	793	0.444	ug/L #	60
16) Methylene chloride	2.54	84	2020m	0.349	ug/L	
17) Methyl tert-butyl Ether	2.81	73	5128	0.289	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	2422	0.298	ug/L	93
19) 1,1-Dichloroethane	3.23	63	3741	0.257	ug/L	96
21) 2-Butanone	4.06	43	4362m	2.545	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	2496m	0.288	ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073019\
Data File : VV012071.D
Acq On : 30 Jul 2019 12:30
Operator : SY/MD
Sample : MDL05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 09:36:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 09:22:51 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMdadoda
8/1/2019 3:18:26 PM

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	1090	0.287 ug/L		95
25) Chloroform	4.43	83	12041	0.661 ug/L		92
27) 1,2-Dichloroethane	5.19	62	2871	0.285 ug/L	#	76
29) 1,1,1-Trichloroethane	4.66	97	4217	0.284 ug/L	#	84
30) Cyclohexane	4.72	56	3301	0.260 ug/L		97
31) Carbon tetrachloride	4.87	117	3562	0.267 ug/L		97
33) Benzene	5.14	78	9263	0.284 ug/L		100
34) Trichloroethene	5.96	95	2392	0.257 ug/L		82
35) Methylcyclohexane	6.17	83	3787	0.260 ug/L		94
37) 1,2-Dichloropropane	6.22	63	2112	0.280 ug/L	#	95
38) Bromodichloromethane	6.56	83	3064	0.287 ug/L	#	94
39) cis-1,3-Dichloropropene	7.07	75	3296	0.278 ug/L		98
40) 4-Methyl-2-pentanone	7.28	43	10776	2.530 ug/L	#	88
42) Toluene	7.43	91	9556	0.263 ug/L		99
44) trans-1,3-Dichloropropene	7.69	75	2535	0.265 ug/L	#	82
45) 1,1,2-Trichloroethane	7.88	97	1686	0.293 ug/L		93
47) Tetrachloroethene	8.02	164	2115	0.260 ug/L		90
48) 2-Hexanone	8.19	43	8996	2.989 ug/L	#	94
49) Dibromochloromethane	8.29	129	1942	0.275 ug/L		97
50) 1,2-Dibromoethane	8.40	107	1606	0.298 ug/L	#	91
51) Chlorobenzene	8.93	112	6752	0.278 ug/L		96
52) Ethylbenzene	9.06	91	10253	0.248 ug/L		98
53) m,p-xylene	9.18	106	4263	0.270 ug/L		87
54) o-xylene	9.59	106	3722	0.250 ug/L		86
55) Styrene	9.61	104	5885	0.234 ug/L		85
57) 1,1,2,2-Tetrachloroethane	10.28	83	1781	0.288 ug/L	#	94
59) Bromoform	9.77	173	995	0.273 ug/L	#	94
60) Isopropylbenzene	9.97	105	9947	0.258 ug/L		99
61) 1,2,3-Trichloropropane	10.32	75	1261	0.286 ug/L		96
62) 1,3,5-Trimethylbenzene	10.58	105	7759	0.244 ug/L		96
63) 1,2,4-Trimethylbenzene	10.96	105	7316	0.231 ug/L		91
64) 1,3-Dichlorobenzene	11.23	146	5491	0.286 ug/L		98
65) 1,4-Dichlorobenzene	11.32	146	5446	0.278 ug/L		94
67) 1,2-Dichlorobenzene	11.69	146	4983	0.285 ug/L		95
68) 1,2-Dibromo-3-chloropropan	12.47	75	226	0.249 ug/L		87
69) 1,3,5-Trichlorobenzene	12.69	180	4551	0.286 ug/L		98
70) 1,2,4-trichlorobenzene	13.31	180	3302	0.262 ug/L		95
71) Naphthalene	13.56	128	4202	0.241 ug/L	#	93
72) 1,2,3-Trichlorobenzene	13.79	180	3039	0.273 ug/L		87

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV073019\
Data File : VV012071.D
Acq On : 30 Jul 2019 12:30
Operator : SY/MD
Sample : MDL05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 31 09:36:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 31 09:22:51 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMdadoda
8/1/2019 3:18:26 PM