Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017187.D
Acq On : 18 Oct 2018 11:33
Operator : MJ/SJ
Sample : J5164-08
Misc : LOQ 20 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Manual Integrations APPROVED
Sohil
10/18/2018 5:33:44 PM

Quant Time: Oct 18 14:54:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	187559	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	765690	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	439497	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1038274	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1264182	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1309350	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1614823	145.62	ng		0.00
7) Phenol-d6	6.85	99	2100954	139.11	ng		0.00
23) Nitrobenzene-d5	8.82	82	1173649	89.65	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	884541	148.82	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	2779088	84.13	ng		0.00
79) Terphenyl-d14	19.70	244	4470934	79.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	92002	16.247	ng	#	88
3) Pyridine	3.65	79	249423	19.143	ng		88
4) n-Nitrosodimethylamine	3.56	42	113213	21.644	ng	#	67
6) Aniline	7.01	93	300372	15.900	ng		95
8) 2-Chlorophenol	7.24	128	256037	19.957	ng		97
9) Benzaldehyde	6.83	77	170020	17.655	ng		98
10) Phenol	6.88	94	315006	19.379	ng		97
11) bis(2-Chloroethyl)ether	7.11	93	234690	18.112	ng		100
12) 1,3-Dichlorobenzene	7.56	146	285410	19.084	ng		96
13) 1,4-Dichlorobenzene	7.70	146	289894	18.973	ng		99
14) 1,2-Dichlorobenzene	8.02	146	278534	18.920	ng		98
15) Benzyl Alcohol	7.91	79	216247	19.588	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.20	45	318384	17.587	ng		100
17) 2-Methylphenol	8.11	107	207894	19.926	ng		96
18) Hexachloroethane	8.73	117	101809	19.470	ng		98
19) n-Nitroso-di-n-propylamine	8.47	70	184355	18.538	ng		97
20) 3+4-Methylphenols	8.44	107	278650	19.527	ng		97
22) Acetophenone	8.49	105	366835	18.900	ng	#	96
24) Nitrobenzene	8.86	77	285250	20.598	ng		95
25) Isophorone	9.39	82	473553	21.905	ng		98
26) 2-Nitrophenol	9.57	139	114606	21.285	ng	#	90
27) 2,4-Dimethylphenol	9.63	122	224729	23.509	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	309020	20.309	ng		99
29) 2,4-Dichlorophenol	10.10	162	228835	20.618	ng		97
30) 1,2,4-Trichlorobenzene	10.31	180	258693	19.429	ng		100
31) Naphthalene	10.50	128	778821	20.756	ng		100
32) Benzoic acid	9.73	122	134150m	18.808	ng		
33) 4-Chloroaniline	10.62	127	198375	12.241	ng		96
34) Hexachlorobutadiene	10.77	225	157147	18.627	ng		98
35) Caprolactam	11.39	113	64094	15.846	ng		95
36) 4-Chloro-3-methylphenol	11.74	107	255860	20.451	ng		98
37) 2-Methylnaphthalene	12.12	142	572547	22.298	ng		98
38) 1-Methylnaphthalene	12.33	142	540860	21.642	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	290782	18.787	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017187.D
Acq On : 18 Oct 2018 11:33
Operator : MJ/SJ
Sample : J5164-08
Misc : LOQ 20 PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Manual Integrations APPROVED
Sohil
10/18/2018 5:33:44 PM

Quant Time: Oct 18 14:54:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	191579	25.604 ng	97
43) 2,4,6-Trichlorophenol	12.73	196	185159	20.608 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	200230	20.782 ng	98
46) 1,1'-Biphenyl	13.14	154	727085	18.384 ng	98
47) 2-Chloronaphthalene	13.18	162	560637	19.269 ng	97
48) 2-Nitroaniline	13.39	65	148927	21.658 ng	98
49) Acenaphthylene	14.03	152	900520	21.352 ng	100
50) Dimethylphthalate	13.77	163	713203	21.034 ng	99
51) 2,6-Dinitrotoluene	13.89	165	148158	19.853 ng	90
52) Acenaphthene	14.37	154	536486	20.260 ng	98
53) 3-Nitroaniline	14.22	138	110678	13.693 ng	94
54) 2,4-Dinitrophenol	14.43	184	75649	23.728 ng	98
55) Dibenzofuran	14.71	168	866434	19.676 ng	97
56) 4-Nitrophenol	14.53	139	128018	21.071 ng	90
57) 2,4-Dinitrotoluene	14.69	165	201389	20.078 ng	95
58) Fluorene	15.36	166	704178	21.604 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	188443	21.457 ng	97
60) Diethylphthalate	15.15	149	702955	20.905 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	360990	19.427 ng	98
62) 4-Nitroaniline	15.39	138	157729	20.509 ng	88
63) Azobenzene	15.66	77	658384	20.144 ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	114108	21.620 ng	94
66) n-Nitrosodiphenylamine	15.58	169	613202	19.521 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	222982	19.559 ng	94
68) Hexachlorobenzene	16.36	284	251403	18.984 ng	95
69) Atrazine	16.54	200	225715	20.076 ng	97
70) Pentachlorophenol	16.71	266	136934	15.095 ng	97
71) Phenanthrene	17.10	178	1164019	20.779 ng	99
72) Anthracene	17.19	178	1164735	21.882 ng	100
73) Carbazole	17.47	167	1050993	19.330 ng	100
74) Di-n-butylphthalate	18.04	149	1161528	20.254 ng	99
75) Fluoranthene	19.12	202	1393319	22.104 ng	100
77) Benzidine	19.32	184	377160	11.766 ng	96
78) Pyrene	19.49	202	1439423	20.372 ng	100
80) Butylbenzylphthalate	20.40	149	525407	23.796 ng	91
81) Benzo(a)anthracene	21.24	228	1523367	21.413 ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	356058	13.429 ng	98
83) Chrysene	21.29	228	1466773	20.830 ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	789135	22.370 ng	99
85) Di-n-octyl phthalate	22.05	149	1368039	22.923 ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	1732584	21.999 ng	98
88) Benzo(b)fluoranthene	22.80	252	1570267	21.935 ng	100
89) Benzo(k)fluoranthene	22.85	252	1484901	20.672 ng	98
90) Benzo(a)pyrene	23.37	252	1473231	21.675 ng	99
91) Dibenzo(a,h)anthracene	25.69	278	1465615	21.716 ng	98
92) Benzo(g,h,i)perylene	26.35	276	1443556	21.580 ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017187.D
Acq On : 18 Oct 2018 11:33
Operator : MJ/SJ
Sample : J5164-08
Misc : LOO 20 PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 18 14:54:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2018

Manual Integrations APPROVED
Sohil
10/18/2018 5:33:44 PM