Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032573.D
Acq On : 6 Feb 2018 19:40
Operator : SJ/JU
Sample : J1161-09
Misc : MDL-W-1 ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:37 PM

Quant Time: Feb 07 14:19:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	16540	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	53884	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	47504	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	120863	20.00	ng	0.00
75) Chrysene-d12	22.40	240	157199	20.00	ng	0.00
86) Perylene-d12	26.06	264	180574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	95551	116.03	ng	0.00
7) Phenol-d6	7.83	99	113488	103.28	ng	0.00
23) Nitrobenzene-d5	9.91	82	58154	67.41	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	107297	118.66	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	302725	75.74	ng	0.00
78) Terphenyl-d14	20.61	244	619655	84.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.81	88	314	1.133	ng	# 49
3) Pyridine	4.28	79	343	0.458	ng	# 74
6) Aniline	8.00	93	829	0.605	ng	# 71
8) 2-Chlorophenol	8.26	128	1560	1.603	ng	90
9) Benzaldehyde	7.83	77	833	1.468	ng	# 80
10) Phenol	7.84	94	1634	1.566	ng	# 3
11) bis(2-Chloroethyl)ether	8.10	93	1290	1.622	ng	# 55
12) 1,3-Dichlorobenzene	8.60	146	2207	1.677	ng	# 74
13) 1,4-Dichlorobenzene	8.74	146	1736	1.316	ng	89
14) 1,2-Dichlorobenzene	9.07	146	1530m	1.184	ng	
15) Benzyl Alcohol	8.95	79	332	0.367	ng	# 61
16) 2,2'-oxybis(1-Chloropropan	9.24	45	772	1.025	ng	75
17) 2-Methylphenol	9.16	107	488	0.576	ng	# 44
18) Hexachloroethane	9.82	117	179	0.404	ng	# 70
19) n-Nitroso-di-n-propylamine	9.51	70	408	0.560	ng	# 86
20) 3+4-Methylphenols	9.50	107	571	0.480	ng	# 67
22) Acetophenone	9.55	105	864	0.684	ng	# 80
24) Nitrobenzene	9.95	77	1287m	1.543	ng	
25) Isophorone	10.47	82	2412	1.642	ng	# 82
26) 2-Nitrophenol	10.68	139	268	0.531	ng	# 29
27) 2,4-Dimethylphenol	10.72	122	461	0.637	ng	# 81
28) bis(2-Chloroethoxy)methane	10.98	93	663m	0.823	ng	
29) 2,4-Dichlorophenol	11.24	162	811m	0.846	ng	
30) 1,2,4-Trichlorobenzene	11.44	180	1729	1.353	ng	94
31) Naphthalene	11.65	128	4602	1.749	ng	# 93
32) Benzoic acid	10.85	122	57	7.373	ng	# 1
33) 4-Chloroaniline	11.75	127	184	0.157	ng	# 46
34) Hexachlorobutadiene	11.90	225	1632	1.641	ng	# 87
35) Caprolactam	12.45	113	127	0.461	ng	# 1
36) 4-Chloro-3-methylphenol	12.82	107	841	0.925	ng	# 53
37) 2-Methylnaphthalene	13.20	142	4562	2.063	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.55	216	3252	1.463	ng	# 85
40) Hexachlorocyclopentadiene	13.53	237	1116	0.804	ng	# 67
42) 2,4,6-Trichlorophenol	13.79	196	1255	1.038	ng	# 70

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.87	196	1500	1.064	ng	#	71
45) 1,1'-Biphenyl	14.18	154	5774	1.439	ng		89
46) 2-Chloronaphthalene	14.23	162	4222	1.342	ng	#	89
47) 2-Nitroaniline	14.44	65	713	1.025	ng	#	88
48) Acenaphthylene	15.06	152	7165	1.507	ng	#	91
49) Dimethylphthalate	14.77	163	5457	1.246	ng	#	92
50) 2,6-Dinitrotoluene	14.90	165	897	0.976	ng	#	60
51) Acenaphthene	15.39	154	5305	1.609	ng	#	64
52) 3-Nitroaniline	15.25	138	375	0.467	ng	#	42
54) Dibenzofuran	15.73	168	7431	1.522	ng	#	95
56) 2,4-Dinitrotoluene	15.68	165	1557	1.190	ng	#	47
57) Fluorene	16.38	166	5663	1.396	ng	#	93
58) 2,3,4,6-Tetrachlorophenol	15.96	232	1475m	1.061	ng		
59) Diethylphthalate	16.10	149	6090	1.428	ng	#	97
60) 4-Chlorophenyl-phenylether	16.35	204	4376	1.711	ng	#	78
61) 4-Nitroaniline	16.40	138	373	0.433	ng	#	41
62) Azobenzene	16.65	77	3035	1.190	ng	#	68
65) n-Nitrosodiphenylamine	16.57	169	4689	1.300	ng	#	90
66) 4-Bromophenyl-phenylether	17.26	248	2497	1.395	ng	#	82
67) Hexachlorobenzene	17.37	284	3310	1.670	ng	#	88
68) Atrazine	17.49	200	2063	1.332	ng		90
69) Pentachlorophenol	17.72	266	690	0.556	ng	#	69
70) Phenanthrene	18.11	178	11033	1.637	ng		94
71) Anthracene	18.21	178	10680m	1.591	ng		
72) Carbazole	18.47	167	8623	1.454	ng		94
73) Di-n-butylphthalate	18.97	149	8052	1.226	ng		99
74) Fluoranthene	20.08	202	15480	1.751	ng		96
76) Benzidine	20.26	184	909m	0.294	ng		
77) Pyrene	20.44	202	15292m	1.586	ng		
79) Butylbenzylphthalate	21.30	149	4398	1.446	ng	#	76
80) Benzo(a)anthracene	22.38	228	16046	1.647	ng		93
81) 3,3'-Dichlorobenzidine	22.27	252	4378	1.159	ng	#	92
82) Chrysene	22.45	228	16149	1.716	ng		94
83) Bis(2-ethylhexyl)phthalate	22.22	149	7017	1.627	ng	#	93
84) Di-n-octyl phthalate	23.58	149	11131	1.627	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.32	276	20342m	1.709	ng		
87) Benzo(b)fluoranthene	24.89	252	16587	1.520	ng		98
88) Benzo(k)fluoranthene	24.96	252	18101m	1.675	ng		
89) Benzo(a)pyrene	25.88	252	15204	1.462	ng		99
90) Dibenzo(a,h)anthracene	30.37	278	15702	1.476	ng	#	84
91) Benzo(g,h,i)perylene	31.62	276	17455m	1.653	ng		

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

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