Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035768.D
Acq On : 20 Jul 2018 3:16
Operator : JU/SJ
Sample : J4035-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 5-B

Quant Time: Jul 20 05:59:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	48236	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	158670	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	110638	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	298170	20.00	ng	0.00
75) Chrysene-d12	21.66	240	354317	20.00	ng	-0.02
86) Perylene-d12	24.86	264	333849	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	359541	123.75	ng	0.00
7) Phenol-d6	7.20	99	450988	104.04	ng	0.00
23) Nitrobenzene-d5	9.19	82	357742	94.19	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	220642	151.30	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	798609	96.71	ng	-0.01
78) Terphenyl-d14	20.01	244	1663175	103.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	241	0.163	ng	# 1
3) Pyridine	3.77	79	60	0.016	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	392	0.236	ng	# 1
6) Aniline	7.56	93	626	0.111	ng	# 1
8) 2-Chlorophenol	7.60	128	74	0.025	ng	# 1
9) Benzaldehyde	7.15	77	55	0.021	ng	# 5
10) Phenol	7.57	94	1106	0.253	ng	# 1
11) bis(2-Chloroethyl)ether	7.56	93	626	0.183	ng	# 1
12) 1,3-Dichlorobenzene	8.03	146	56	0.016	ng	# 1
13) 1,4-Dichlorobenzene	8.03	146	56	0.015	ng	# 1
14) 1,2-Dichlorobenzene	8.35	146	244	0.070	ng	# 1
15) Benzyl Alcohol	8.35	79	6714	1.706	ng	# 51
16) 2,2'-oxybis(1-Chloropropan	8.53	45	972	0.338	ng	75
17) 2-Methylphenol	8.49	107	54	0.018	ng	# 13
18) Hexachloroethane	9.14	117	589	0.425	ng	# 1
20) 3+4-Methylphenols	8.49	107	54	0.013	ng	# 24
22) Acetophenone	8.87	105	327	0.066	ng	# 50
24) Nitrobenzene	9.18	77	1788	0.468	ng	# 47
25) Isophorone	9.76	82	389	0.055	ng	# 69
26) 2-Nitrophenol	9.77	139	67	0.049	ng	# 29
27) 2,4-Dimethylphenol	9.75	122	55	0.024	ng	# 1
28) bis(2-Chloroethoxy)methane	10.03	93	56	0.014	ng	# 51
30) 1,2,4-Trichlorobenzene	10.38	180	67	0.021	ng	# 12
31) Naphthalene	10.89	128	1475	0.178	ng	# 68
32) Benzoic acid	9.75	122	55	0.036	ng	# 1
33) 4-Chloroaniline	10.88	127	246	0.068	ng	# 50
35) Caprolactam	11.70	113	57	0.051	ng	# 1
36) 4-Chloro-3-methylphenol	11.88	107	63	0.018	ng	# 22
37) 2-Methylnaphthalene	12.52	142	427	0.069	ng	# 62
45) 1,1'-Biphenyl	13.50	154	824	0.096	ng	# 67
46) 2-Chloronaphthalene	14.03	162	57	0.009	ng	# 39
47) 2-Nitroaniline	13.27	65	1416	0.600	ng	# 37
48) Acenaphthylene	14.50	152	63	0.006	ng	# 59
51) Acenaphthene	14.72	154	576	0.083	ng	# 47

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) 3-Nitroaniline	14.40	138	68	0.034	ng	#	1
54) Dibenzofuran	15.08	168	398	0.036	ng	#	46
55) 4-Nitrophenol	14.87	139	61	0.042	ng	#	1
57) Fluorene	15.71	166	892	0.096	ng	#	78
59) Diethylphthalate	15.49	149	614	0.062	ng	#	58
60) 4-Chlorophenyl-phenylether	15.79	204	89	0.016	ng	#	30
61) 4-Nitroaniline	16.14	138	80	0.038	ng	#	1
62) Azobenzene	15.94	77	112	0.011	ng	#	48
64) 4,6-Dinitro-2-methylphenol	16.15	198	924	0.557	ng	#	17
65) n-Nitrosodiphenylamine	16.14	169	9381	1.105	ng	#	55
68) Atrazine	16.39	200	55	0.016	ng	#	35
69) Pentachlorophenol	17.24	266	73	0.034	ng	#	19
70) Phenanthrene	17.44	178	1178	0.079	ng	#	70
71) Anthracene	17.61	178	71	0.005	ng	#	59
72) Carbazole	17.87	167	279	0.020	ng	#	59
73) Di-n-butylphthalate	18.36	149	1358	0.082	ng	#	78
74) Fluoranthene	19.52	202	259	0.013	ng		65
77) Pyrene	19.81	202	1282	0.057	ng	#	57
79) Butylbenzylphthalate	20.70	149	544	0.068	ng	#	24
80) Benzo(a)anthracene	21.64	228	1831	0.083	ng	#	67
81) 3,3'-Dichlorobenzidine	21.49	252	86	0.011	ng	#	26
82) Chrysene	21.69	228	371	0.018	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.60	149	863	0.079	ng	#	50
84) Di-n-octyl phthalate	22.74	149	425	0.023	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.59	276	74	0.003	ng	#	53
87) Benzo(b)fluoranthene	23.86	252	877	0.043	ng	#	59
88) Benzo(k)fluoranthene	23.92	252	669	0.034	ng	#	60
89) Benzo(a)pyrene	24.71	252	281	0.015	ng	#	59
90) Dibenzo(a,h)anthracene	28.48	278	73	0.004	ng	#	58
91) Benzo(g,h,i)perylene	30.02	276	71	0.004	ng	#	56

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

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