Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035946.D
Acq On : 27 Jul 2018 20:39
Operator : JU/SJ
Sample : PB111523BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111523BS

Manual Integrations APPROVED
Sohil
7/30/2018 2:05:33 PM

Quant Time: Jul 28 00:39:00 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 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36561	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	138063	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	103312	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	298968	20.00	ng		0.00
75) Chrysene-d12	21.66	240	324547	20.00	ng		0.00
86) Perylene-d12	24.85	264	309240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	320653	145.61	ng		0.00
7) Phenol-d6	7.20	99	474329	144.37	ng		0.00
23) Nitrobenzene-d5	9.19	82	307454	93.03	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	236992	174.04	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	749788	97.23	ng		0.00
78) Terphenyl-d14	20.00	244	1438641	97.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	28866	25.754	ng	#	74
3) Pyridine	3.91	79	89111	30.455	ng	#	74
4) n-Nitrosodimethylamine	3.82	42	39916	31.771	ng	#	73
6) Aniline	7.35	93	107489	25.240	ng		99
8) 2-Chlorophenol	7.59	128	105177	46.960	ng		95
9) Benzaldehyde	7.17	77	70626	35.033	ng		97
10) Phenol	7.22	94	155692	46.903	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	101602	39.084	ng		87
12) 1,3-Dichlorobenzene	7.91	146	108023	39.939	ng		96
13) 1,4-Dichlorobenzene	8.06	146	112160	40.814	ng		99
14) 1,2-Dichlorobenzene	8.38	146	107746	40.813	ng		97
15) Benzyl Alcohol	8.26	79	123500	41.392	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	116548	53.476	ng		80
17) 2-Methylphenol	8.47	107	105659	46.816	ng	#	91
18) Hexachloroethane	9.10	117	42524	40.471	ng		91
19) n-Nitroso-di-n-propylamine	8.83	70	99183	35.848	ng	#	84
20) 3+4-Methylphenols	8.79	107	143260	45.757	ng		95
22) Acetophenone	8.85	105	183594	42.762	ng	#	91
24) Nitrobenzene	9.23	77	148731	44.748	ng	#	93
25) Isophorone	9.75	82	286335	46.672	ng		99
26) 2-Nitrophenol	9.94	139	61332	51.957	ng	#	86
27) 2,4-Dimethylphenol	10.00	122	112826	56.465	ng		89
28) bis(2-Chloroethoxy)methane	10.23	93	153900	45.525	ng		98
29) 2,4-Dichlorophenol	10.48	162	125190	54.886	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	130309	46.590	ng		98
31) Naphthalene	10.88	128	330348	45.934	ng		98
32) Benzoic acid	10.17	122	49513m	36.809	ng		
33) 4-Chloroaniline	11.00	127	36320	11.587	ng		96
34) Hexachlorobutadiene	11.15	225	100650	46.149	ng		99
35) Caprolactam	11.77	113	46011m	47.006	ng		
36) 4-Chloro-3-methylphenol	12.11	107	157189	51.413	ng		93
37) 2-Methylnaphthalene	12.48	142	263605	49.198	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	180845	46.378	ng		99
40) Hexachlorocyclopentadiene	12.82	237	229853	112.398	ng		91

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Quant Time: Jul 28 00:39:00 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 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	116962	51.291 ng		97
43) 2,4,5-Trichlorophenol	13.16	196	134654	52.784 ng		97
45) 1,1'-Biphenyl	13.48	154	368066	45.952 ng		96
46) 2-Chloronaphthalene	13.53	162	294264	47.231 ng		99
47) 2-Nitroaniline	13.73	65	103570	47.021 ng		97
48) Acenaphthylene	14.37	152	506620	48.543 ng		97
49) Dimethylphthalate	14.10	163	427041	47.178 ng		99
50) 2,6-Dinitrotoluene	14.22	165	98102	53.222 ng		95
51) Acenaphthene	14.71	154	289064	44.463 ng		99
52) 3-Nitroaniline	14.56	138	42312	22.459 ng	#	92
53) 2,4-Dinitrophenol	14.77	184	97149	100.641 ng	#	66
54) Dibenzofuran	15.05	168	493978	47.776 ng		95
55) 4-Nitrophenol	14.88	139	139238	103.780 ng	#	86
56) 2,4-Dinitrotoluene	15.01	165	142842	54.017 ng	#	89
57) Fluorene	15.70	166	424373	48.970 ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	136846	55.949 ng		92
59) Diethylphthalate	15.46	149	429352	46.130 ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	243735	47.853 ng		96
61) 4-Nitroaniline	15.73	138	95291	48.354 ng	#	84
62) Azobenzene	15.98	77	432676	47.129 ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	84783	50.944 ng		86
65) n-Nitrosodiphenylamine	15.90	169	384591	45.194 ng		96
66) 4-Bromophenyl-phenylether	16.58	248	165588	47.740 ng		94
67) Hexachlorobenzene	16.70	284	174958	48.981 ng		95
68) Atrazine	16.85	200	175135	49.986 ng		97
69) Pentachlorophenol	17.05	266	161957	74.441 ng		98
70) Phenanthrene	17.43	178	696728	46.704 ng		98
71) Anthracene	17.53	178	712003	47.933 ng		99
72) Carbazole	17.80	167	652232	46.235 ng		100
73) Di-n-butylphthalate	18.35	149	753661	45.210 ng	#	98
74) Fluoranthene	19.44	202	940406	46.800 ng		96
76) Benzidine	19.63	184	322563	37.804 ng		98
77) Pyrene	19.80	202	929683	45.303 ng		98
79) Butylbenzylphthalate	20.68	149	348032	47.425 ng		98
80) Benzo(a)anthracene	21.64	228	931181	46.041 ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	201362	28.554 ng		99
82) Chrysene	21.71	228	874769	46.675 ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	475223	47.633 ng		99
84) Di-n-octyl phthalate	22.74	149	814917	48.783 ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1015400	48.935 ng	#	94
87) Benzo(b)fluoranthene	23.84	252	895606	47.650 ng	#	97
88) Benzo(k)fluoranthene	23.91	252	874682	47.601 ng	#	97
89) Benzo(a)pyrene	24.71	252	874588	50.017 ng	#	97
90) Dibenzo(a,h)anthracene	28.55	278	844197	49.176 ng	#	94
91) Benzo(g,h,i)perylene	29.64	276	842853	50.175 ng	#	94

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

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