Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
Data File : BG036083.D
Acq On : 3 Aug 2018 7:11
Operator : JU/SJ
Sample : PB111703BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111703BS

Manual Integrations APPROVED
Sohil
8/3/2018 12:58:41 PM

Quant Time: Aug 03 08:33:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28566	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111247	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	84291	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	246081	20.00	ng	0.00
75) Chrysene-d12	21.65	240	269391	20.00	ng	0.00
86) Perylene-d12	24.85	264	263128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	257017	149.38	ng	0.00
7) Phenol-d6	7.19	99	384518	149.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	256479	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	197275	177.56	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	603362	95.90	ng	-0.01
78) Terphenyl-d14	20.00	244	1253926	102.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	28694	32.766	ng	# 73
3) Pyridine	3.91	79	76227	33.343	ng	# 77
4) n-Nitrosodimethylamine	3.83	42	36542	37.226	ng	# 88
6) Aniline	7.34	93	113833	34.211	ng	94
8) 2-Chlorophenol	7.59	128	81827	46.760	ng	92
9) Benzaldehyde	7.16	77	50370	31.978	ng	93
10) Phenol	7.22	94	125267	48.299	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	83620	41.169	ng	90
12) 1,3-Dichlorobenzene	7.91	146	95492	45.188	ng	94
13) 1,4-Dichlorobenzene	8.06	146	94853	44.177	ng	95
14) 1,2-Dichlorobenzene	8.37	146	90175	43.717	ng	95
15) Benzyl Alcohol	8.26	79	98562	42.280	ng	86
16) 2,2'-oxybis(1-Chloropropan	8.54	45	94171	55.302	ng	76
17) 2-Methylphenol	8.47	107	82045	46.528	ng	# 87
18) Hexachloroethane	9.10	117	35576	43.335	ng	# 83
19) n-Nitroso-di-n-propylamine	8.82	70	78755	36.431	ng	# 84
20) 3+4-Methylphenols	8.80	107	114336	46.739	ng	90
22) Acetophenone	8.84	105	146176	42.254	ng	# 93
24) Nitrobenzene	9.22	77	123368	46.064	ng	97
25) Isophorone	9.75	82	231460	46.821	ng	99
26) 2-Nitrophenol	9.94	139	50115	52.688	ng	# 87
27) 2,4-Dimethylphenol	9.99	122	93049	57.793	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	120579	44.266	ng	93
29) 2,4-Dichlorophenol	10.48	162	98695	53.700	ng	95
30) 1,2,4-Trichlorobenzene	10.69	180	106385	47.205	ng	93
31) Naphthalene	10.88	128	271211	46.801	ng	98
32) Benzoic acid	10.17	122	23994	22.137	ng	96
33) 4-Chloroaniline	10.99	127	63420	25.110	ng	# 94
34) Hexachlorobutadiene	11.15	225	82687	47.052	ng	97
35) Caprolactam	11.77	113	35442m	44.937	ng	
36) 4-Chloro-3-methylphenol	12.11	107	129339	52.502	ng	92
37) 2-Methylnaphthalene	12.47	142	216730	50.200	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	146200	45.954	ng	98
40) Hexachlorocyclopentadiene	12.82	237	174181	104.395	ng	91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	97231	52.260	ng		92
43) 2,4,5-Trichlorophenol	13.16	196	108623	52.189	ng		98
45) 1,1'-Biphenyl	13.48	154	300132	45.927	ng		99
46) 2-Chloronaphthalene	13.52	162	245131	48.224	ng		98
47) 2-Nitroaniline	13.73	65	86777	48.288	ng		96
48) Acenaphthylene	14.37	152	408904	48.022	ng		97
49) Dimethylphthalate	14.10	163	348817	47.232	ng		98
50) 2,6-Dinitrotoluene	14.22	165	81033	53.882	ng		93
51) Acenaphthene	14.71	154	240362	45.315	ng		98
52) 3-Nitroaniline	14.56	138	51988	33.823	ng	#	98
53) 2,4-Dinitrophenol	14.76	184	41993	56.414	ng	#	70
54) Dibenzofuran	15.05	168	410749	48.691	ng		93
55) 4-Nitrophenol	14.88	139	95082	86.860	ng	#	84
56) 2,4-Dinitrotoluene	15.01	165	118332	54.846	ng		89
57) Fluorene	15.69	166	349527	49.435	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.27	232	111488	55.867	ng	#	94
59) Diethylphthalate	15.46	149	363197	47.828	ng		98
60) 4-Chlorophenyl-phenylether	15.68	204	196227	47.220	ng		98
61) 4-Nitroaniline	15.72	138	78506	48.827	ng	#	83
62) Azobenzene	15.97	77	360862	48.176	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	57507	41.981	ng		88
65) n-Nitrosodiphenylamine	15.90	169	309713	44.217	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	136231	47.717	ng		93
67) Hexachlorobenzene	16.70	284	144094	49.010	ng		95
68) Atrazine	16.84	200	142305	49.344	ng		97
69) Pentachlorophenol	17.04	266	121383	67.782	ng		98
70) Phenanthrene	17.43	178	579208	47.171	ng		99
71) Anthracene	17.52	178	590304	48.280	ng		97
72) Carbazole	17.80	167	533626	45.957	ng		98
73) Di-n-butylphthalate	18.34	149	619681	45.162	ng	#	97
74) Fluoranthene	19.44	202	777637	47.016	ng		96
76) Benzidine	19.62	184	252843	35.700	ng		96
77) Pyrene	19.80	202	781220	45.863	ng		98
79) Butylbenzylphthalate	20.68	149	296526	48.679	ng		97
80) Benzo(a)anthracene	21.63	228	810253	48.265	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	207671	35.478	ng	#	95
82) Chrysene	21.70	228	751608	48.314	ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	407694	49.231	ng		99
84) Di-n-octyl phthalate	22.73	149	702446	50.660	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	850600	49.386	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	778331	48.667	ng	#	95
88) Benzo(k)fluoranthene	23.90	252	752247	48.112	ng	#	97
89) Benzo(a)pyrene	24.70	252	751459	50.506	ng	#	96
90) Dibenzo(a,h)anthracene	28.55	278	683946	46.824	ng	#	96
91) Benzo(g,h,i)perylene	29.63	276	700516	49.009	ng	#	94

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

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