Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031916.D
Acq On : 4 Jan 2018 15:35
Operator : SJ/JU
Sample : PB105473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105473BS

Manual Integrations APPROVED
Sohil
1/5/2018 10:32:49 AM

Quant Time: Jan 05 03:43:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	52874	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	213188	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	150054	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	392905	20.00	ng		0.00
75) Chrysene-d12	22.50	240	461349	20.00	ng		0.00
86) Perylene-d12	26.24	264	475849	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	408298	140.65	ng		0.00
7) Phenol-d6	7.89	99	515795	136.85	ng		0.00
23) Nitrobenzene-d5	9.99	82	278803	98.75	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	359952	157.21	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	994808	83.21	ng		0.00
78) Terphenyl-d14	20.68	244	1841689	91.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	39007	36.249	ng	#	74
3) Pyridine	4.31	79	110147	38.293	ng	#	77
4) n-Nitrosodimethylamine	4.22	42	46361	39.942	ng	#	89
6) Aniline	8.08	93	95623	19.719	ng		94
8) 2-Chlorophenol	8.33	128	148257	44.028	ng	#	80
9) Benzaldehyde	7.88	77	30497	13.438	ng		84
10) Phenol	7.92	94	169542	44.556	ng		91
11) bis(2-Chloroethyl)ether	8.17	93	117904	37.309	ng	#	82
12) 1,3-Dichlorobenzene	8.67	146	165273	39.523	ng	#	95
13) 1,4-Dichlorobenzene	8.82	146	166740	39.034	ng		96
14) 1,2-Dichlorobenzene	9.16	146	158353	39.123	ng		97
15) Benzyl Alcohol	9.02	79	118913	42.028	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.32	45	120992	47.014	ng		82
17) 2-Methylphenol	9.22	107	119599	43.927	ng		97
18) Hexachloroethane	9.91	117	52113	40.280	ng		91
19) n-Nitroso-di-n-propylamine	9.60	70	89928	34.937	ng	#	80
20) 3+4-Methylphenols	9.56	107	166155	42.938	ng		95
22) Acetophenone	9.63	105	203649	41.116	ng	#	86
24) Nitrobenzene	10.03	77	131963	45.352	ng	#	82
25) Isophorone	10.56	82	255587	42.054	ng	#	86
26) 2-Nitrophenol	10.76	139	87210	57.164	ng	#	81
27) 2,4-Dimethylphenol	10.79	122	156091	48.622	ng		91
28) bis(2-Chloroethoxy)methane	11.03	93	166092	40.729	ng		97
29) 2,4-Dichlorophenol	11.30	162	179357	47.590	ng		90
30) 1,2,4-Trichlorobenzene	11.52	180	188000	40.854	ng		96
31) Naphthalene	11.72	128	436813	40.599	ng		99
32) Benzoic acid	10.91	122	113474m	51.298	ng		
33) 4-Chloroaniline	11.81	127	97072	20.265	ng		91
34) Hexachlorobutadiene	11.99	225	126035	39.895	ng		98
35) Caprolactam	12.57	113	62431	54.650	ng	#	45
36) 4-Chloro-3-methylphenol	12.89	107	167466	48.113	ng	#	80
37) 2-Methylnaphthalene	13.28	142	364136	41.749	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	251044	39.720	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	338532	101.531	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	169312	46.462	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	184360	45.652	ng	#	91
45) 1,1'-Biphenyl	14.26	154	519109	40.505	ng		95
46) 2-Chloronaphthalene	14.31	162	395167	40.424	ng		96
47) 2-Nitroaniline	14.50	65	91321	54.090	ng	#	62
48) Acenaphthylene	15.15	152	609708	38.986	ng		98
49) Dimethylphthalate	14.85	163	539549	40.816	ng		99
50) 2,6-Dinitrotoluene	14.97	165	121114	49.804	ng	#	67
51) Acenaphthene	15.48	154	451796	44.110	ng		99
52) 3-Nitroaniline	15.31	138	70589	29.752	ng	#	69
53) 2,4-Dinitrophenol	15.51	184	129700	121.200	ng	#	54
54) Dibenzofuran	15.81	168	645100	41.087	ng		98
55) 4-Nitrophenol	15.58	139	214741	111.205	ng	#	73
56) 2,4-Dinitrotoluene	15.76	165	176231	56.358	ng	#	65
57) Fluorene	16.46	166	523995	41.082	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.03	232	195812	49.698	ng	#	85
59) Diethylphthalate	16.20	149	526674	40.877	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	308009	39.467	ng		94
61) 4-Nitroaniline	16.46	138	113814	49.158	ng	#	77
62) Azobenzene	16.73	77	344962	41.748	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	97380	50.437	ng	#	69
65) n-Nitrosodiphenylamine	16.65	169	497716	38.141	ng		99
66) 4-Bromophenyl-phenylether	17.33	248	231725	40.785	ng		93
67) Hexachlorobenzene	17.45	284	240390	41.389	ng	#	91
68) Atrazine	17.57	200	225670	44.475	ng		97
69) Pentachlorophenol	17.79	266	349006	87.362	ng		98
70) Phenanthrene	18.19	178	902240	40.577	ng		99
71) Anthracene	18.29	178	929818	41.454	ng		99
72) Carbazole	18.54	167	840490	42.337	ng		100
73) Di-n-butylphthalate	19.05	149	925803	41.963	ng		99
74) Fluoranthene	20.16	202	1171465	42.937	ng		96
76) Benzidine	20.31	184	368277	25.863	ng		99
77) Pyrene	20.51	202	1195353	40.562	ng		97
79) Butylbenzylphthalate	21.38	149	418469	42.300	ng	#	77
80) Benzo(a)anthracene	22.48	228	1189462	40.531	ng		99
81) 3,3'-Dichlorobenzidine	22.37	252	281577	24.747	ng	#	98
82) Chrysene	22.55	228	1113704	40.109	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	570509	39.805	ng	#	97
84) Di-n-octyl phthalate	23.72	149	956340	39.619	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.60	276	1429384	40.126	ng	#	89
87) Benzo(b)fluoranthene	25.04	252	1209838	40.959	ng	#	97
88) Benzo(k)fluoranthene	25.12	252	1199390	40.574	ng	#	97
89) Benzo(a)pyrene	26.07	252	1188010	41.995	ng	#	96
90) Dibenzo(a,h)anthracene	30.67	278	1187620	40.649	ng	#	95
91) Benzo(g,h,i)perylene	30.60	276	1429384	41.438	ng	#	94

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

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