Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021637.D
Acq On : 14 Apr 2016 1:29
Operator : UM/SJ
Sample : PB89730BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB89730BS

Manual Integrations APPROVED
Sohil
4/14/2016 5:30:00 PM

Quant Time: Apr 14 11:22:38 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	27552	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	127769	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	86181	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	211456	20.00	ng		0.00
75) Chrysene-d12	21.83	240	229358	20.00	ng		0.00
86) Perylene-d12	25.16	264	225649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	230229	139.15	ng		0.00
7) Phenol-d6	7.36	99	342284	138.50	ng		0.00
23) Nitrobenzene-d5	9.38	82	200558	80.68	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	131647	141.74	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	483917	82.27	ng		0.00
78) Terphenyl-d14	20.15	244	765837	83.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	23143	31.42	ng		89
3) Pyridine	4.04	79	74771	33.83	ng	#	89
4) n-Nitrosodimethylamine	3.95	42	41045	37.47	ng	#	85
6) Aniline	7.54	93	78349	23.97	ng		98
8) 2-Chlorophenol	7.78	128	87997	44.36	ng		98
9) Benzaldehyde	7.35	77	26794	18.75	ng		93
10) Phenol	7.38	94	122342	46.03	ng		99
11) bis(2-Chloroethyl)ether	7.63	93	83076	39.05	ng		93
12) 1,3-Dichlorobenzene	8.11	146	84924	38.34	ng		95
13) 1,4-Dichlorobenzene	8.25	146	86810	38.49	ng		96
14) 1,2-Dichlorobenzene	8.58	146	84001	38.83	ng		95
15) Benzyl Alcohol	8.45	79	87375	46.26	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.75	45	166446	36.53	ng		98
17) 2-Methylphenol	8.65	107	82988	45.16	ng		94
18) Hexachloroethane	9.31	117	31754	38.69	ng	#	74
19) n-Nitroso-di-n-propylamine	9.02	70	76567	39.87	ng		98
20) 3+4-Methylphenols	8.97	107	116361	46.27	ng		97
22) Acetophenone	9.04	105	134887	37.90	ng	#	98
24) Nitrobenzene	9.43	77	106003	39.83	ng		96
25) Isophorone	9.95	82	210348	38.66	ng		99
26) 2-Nitrophenol	10.14	139	41428	40.77	ng		96
27) 2,4-Dimethylphenol	10.19	122	100703	43.63	ng		99
28) bis(2-Chloroethoxy)methane	10.43	93	123183	42.61	ng		91
29) 2,4-Dichlorophenol	10.67	162	91086	46.29	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	83061	39.25	ng		98
31) Naphthalene	11.09	128	275485	40.29	ng	#	95
32) Benzoic acid	10.30	122	56703	44.15	ng		97
33) 4-Chloroaniline	11.19	127	39027	13.18	ng		97
34) Hexachlorobutadiene	11.37	225	52772	38.66	ng		97
35) Caprolactam	11.95	113	39377m	43.72	ng		
36) 4-Chloro-3-methylphenol	12.28	107	118129	47.73	ng		99
37) 2-Methylnaphthalene	12.67	142	207559	44.22	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	101923	37.84	ng		98
40) Hexachlorocyclopentadiene	13.01	237	130613	87.30	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	73729	42.93	ng		96
43) 2,4,5-Trichlorophenol	13.33	196	84426	45.56	ng		97
45) 1,1'-Biphenyl	13.67	154	280739	38.66	ng		98
46) 2-Chloronaphthalene	13.71	162	216364	40.30	ng		99
47) 2-Nitroaniline	13.91	65	82740	44.95	ng		97
48) Acenaphthylene	14.55	152	363436	40.95	ng		97
49) Dimethylphthalate	14.28	163	308095	41.35	ng		98
50) 2,6-Dinitrotoluene	14.39	165	64151	45.15	ng		99
51) Acenaphthene	14.89	154	251735	44.37	ng		99
52) 3-Nitroaniline	14.72	138	32957	20.92	ng		97
53) 2,4-Dinitrophenol	14.92	184	48319	87.62	ng		92
54) Dibenzofuran	15.22	168	358950	46.33	ng		99
55) 4-Nitrophenol	15.01	139	125471	92.99	ng		95
56) 2,4-Dinitrotoluene	15.17	165	93744	48.82	ng		98
57) Fluorene	15.86	166	299233	43.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.44	232	77484	50.39	ng		99
59) Diethylphthalate	15.63	149	327788	42.15	ng		99
60) 4-Chlorophenyl-phenylether	15.85	204	142543	41.82	ng		96
61) 4-Nitroaniline	15.88	138	76288	44.00	ng		98
62) Azobenzene	16.15	77	313660	47.06	ng		99
64) 4,6-Dinitro-2-methylphenol	15.93	198	34928	40.60	ng		96
65) n-Nitrosodiphenylamine	16.07	169	270992	42.73	ng		95
66) 4-Bromophenyl-phenylether	16.74	248	94253	41.60	ng		98
67) Hexachlorobenzene	16.86	284	100632	42.08	ng		99
68) Atrazine	17.00	200	104922	41.89	ng		97
69) Pentachlorophenol	17.20	266	125497	91.91	ng		94
70) Phenanthrene	17.60	178	491364	42.16	ng		98
71) Anthracene	17.69	178	499629	42.23	ng		97
72) Carbazole	17.95	167	464408	42.06	ng		99
73) Di-n-butylphthalate	18.51	149	564886	40.22	ng		99
74) Fluoranthene	19.59	202	569416	40.92	ng		99
76) Benzidine	19.76	184	166417	23.30	ng		99
77) Pyrene	19.95	202	580866	43.92	ng		100
79) Butylbenzylphthalate	20.83	149	260206	42.39	ng		99
80) Benzo(a)anthracene	21.81	228	575317	43.59	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	88927	8.51	ng		98
82) Chrysene	21.88	228	525815	41.47	ng		100
83) Bis(2-ethylhexyl)phthalate	21.71	149	380306	42.35	ng	#	100
84) Di-n-octyl phthalate	22.96	149	658048	43.75	ng		100
85) Indeno(1,2,3-cd)pyrene	28.98	276	649852	43.11	ng		99
87) Benzo(b)fluoranthene	24.10	252	573773	43.82	ng		99
88) Benzo(k)fluoranthene	24.17	252	549725	42.94	ng		99
89) Benzo(a)pyrene	25.01	252	556082	43.83	ng		97
90) Dibenzo(a,h)anthracene	29.05	278	550427	43.28	ng		98
91) Benzo(g,h,i)perylene	30.18	276	537795	43.09	ng		99

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

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