

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
 Data File : BG016869.D
 Acq On : 5 May 2015 17:21
 Operator : TP/IZ
 Sample : PB83158BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83158BS

Manual Integrations
 APPROVED

apatel
 5/6/2015 5:17:47 PM

Quant Time: May 06 02:31:35 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	71005	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	302336	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	207697	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	480610	20.00	ng	0.00
75) Chrysene-d12	21.37	240	509895	20.00	ng	0.00
86) Perylene-d12	23.67	264	490902	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	480895	117.93	ng	0.00
7) Phenol-d6	6.97	99	658378	113.01	ng	0.00
23) Nitrobenzene-d5	8.96	82	407736	65.88	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	231367	110.96	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	892256	64.83	ng	0.00
78) Terphenyl-d14	19.82	244	1453823	66.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	49786	29.13	ng	# 1
3) Pyridine	3.69	79	141612	26.80	ng	97
4) n-Nitrosodimethylamine	3.61	42	101857	32.30	ng	99
6) Aniline	7.14	93	185799	22.71	ng	97
8) 2-Chlorophenol	7.37	128	167744	35.51	ng	93
9) Benzaldehyde	6.95	77	64252	13.60	ng	97
10) Phenol	7.00	94	229261	36.70	ng	99
11) bis(2-Chloroethyl)ether	7.24	93	156907	32.48	ng	94
12) 1,3-Dichlorobenzene	7.69	146	166271	31.92	ng	97
13) 1,4-Dichlorobenzene	7.84	146	168721	31.98	ng	95
14) 1,2-Dichlorobenzene	8.16	146	161501	31.89	ng	96
15) Benzyl Alcohol	8.05	79	177175	33.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.35	45	294272	32.91	ng	98
17) 2-Methylphenol	8.25	107	155652	35.38	ng	96
18) Hexachloroethane	8.89	117	66136	30.49	ng	94
19) n-Nitroso-di-n-propylamine	8.62	70	149103	29.19	ng	# 97
20) 3+4-Methylphenols	8.57	107	211177	34.83	ng	92
22) Acetophenone	8.63	105	253101	35.15	ng	98
24) Nitrobenzene	9.00	77	206880	33.10	ng	99
25) Isophorone	9.53	82	398387	31.88	ng	98
26) 2-Nitrophenol	9.71	139	84574	33.24	ng	99
27) 2,4-Dimethylphenol	9.77	122	176469	38.32	ng	97
28) bis(2-Chloroethoxy)methane	10.01	93	212301	33.66	ng	98
29) 2,4-Dichlorophenol	10.24	162	165848	38.12	ng	98
30) 1,2,4-Trichlorobenzene	10.46	180	157824	34.21	ng	100
31) Naphthalene	10.65	128	496984	33.05	ng	100
32) Benzoic acid	9.89	122	100343	38.67	ng	91
33) 4-Chloroaniline	10.75	127	119730	17.24	ng	96
34) Hexachlorobutadiene	10.94	225	95808	33.18	ng	95
35) Caprolactam	11.52	113	81646m	36.12	ng	
36) 4-Chloro-3-methylphenol	11.88	107	204367	36.68	ng	98
37) 2-Methylnaphthalene	12.26	142	388057	33.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	176764	31.48	ng	# 100
40) Hexachlorocyclopentadiene	12.62	237	252643	69.68	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.87	196	133359	33.52	nq	94
43) 2,4,5-Trichlorophenol	12.94	196	143733	34.03	nq	93
45) 1,1'-Biphenyl	13.28	154	495628	33.33	nq	99
46) 2-Chloronaphthalene	13.32	162	385575	32.74	nq	97
47) 2-Nitroaniline	13.52	65	148198	36.15	nq	98
48) Acenaphthylene	14.17	152	660388	32.20	nq	100
49) Dimethylphthalate	13.91	163	526924	33.98	nq	99
50) 2,6-Dinitrotoluene	14.02	165	114094	35.43	nq	96
51) Acenaphthene	14.51	154	397586	32.57	nq	93
52) 3-Nitroaniline	14.35	138	84760	23.14	nq	90
53) 2,4-Dinitrophenol	14.55	184	116705	79.24	nq	96
54) Dibenzofuran	14.84	168	606255	34.98	nq	98
55) 4-Nitrophenol	14.66	139	230497	74.20	nq	99
56) 2,4-Dinitrotoluene	14.81	165	158599	38.50	nq	98
57) Fluorene	15.49	166	528875	34.46	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	133725	36.69	nq	# 78
59) Diethylphthalate	15.27	149	572948	35.00	nq	98
60) 4-Chlorophenyl-phenylether	15.49	204	260062	33.73	nq	99
61) 4-Nitroaniline	15.51	138	147809	34.80	nq	97
62) Azobenzene	15.78	77	620975	36.62	nq	98
64) 4,6-Dinitro-2-methylphenol	15.57	198	77950	32.71	nq	91
65) n-Nitrosodiphenylamine	15.70	169	468726	31.95	nq	97
66) 4-Bromophenyl-phenylether	16.38	248	158217	32.80	nq	96
67) Hexachlorobenzene	16.49	284	169235	33.27	nq	97
68) Atrazine	16.65	200	191581	36.29	nq	97
69) Pentachlorophenol	16.84	266	233501	70.70	nq	96
70) Phenanthrene	17.23	178	833361	33.69	nq	99
71) Anthracene	17.32	178	857061	34.35	nq	99
72) Carbazole	17.59	167	838187	35.33	nq	98
73) Di-n-butylphthalate	18.16	149	1054396	34.29	nq	99
74) Fluoranthene	19.25	202	1003271	34.96	nq	99
76) Benzidine	19.43	184	497093	28.69	nq	99
77) Pyrene	19.61	202	1030324	34.24	nq	100
79) Butylbenzylphthalate	20.51	149	484102	33.85	nq	98
80) Benzo(a)anthracene	21.35	228	934797	34.17	nq	98
81) 3,3'-Dichlorobenzidine	21.29	252	222099	20.79	nq	98
82) Chrysene	21.41	228	883429	34.48	nq	98
83) Bis(2-ethylhexyl)phthalate	21.30	149	670108	34.25	nq	99
84) Di-n-octyl phthalate	22.19	149	1123333	34.18	nq	# 100
85) Indeno(1,2,3-cd)pyrene	26.05	276	1012237	33.15	nq	# 100
87) Benzo(b)fluoranthene	22.98	252	915479	33.48	nq	98
88) Benzo(k)fluoranthene	23.03	252	898044	34.13	nq	98
89) Benzo(a)pyrene	23.57	252	887024	34.78	nq	99
90) Dibenzo(a,h)anthracene	26.07	278	867921	33.32	nq	98
91) Benzo(g,h,i)perylene	26.78	276	831721	33.53	nq	98

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

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