

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042015\
 Data File : BG016580.D
 Acq On : 21 Apr 2015 10:30
 Operator : TP/IZ
 Sample : PB82877BSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82877BSD

Manual Integrations
 APPROVED

apatel
 4/21/2015 5:06:14 PM

Quant Time: Apr 21 15:45:32 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	61896	20.00	ng	-0.02
21) Naphthalene-d8	10.44	136	270079	20.00	ng	-0.03
38) Acenaphthene-d10	14.29	164	161857	20.00	ng	-0.03
63) Phenanthrene-d10	17.04	188	356005	20.00	ng	-0.03
75) Chrysene-d12	21.21	240	313448	20.00	ng	-0.03
86) Perylene-d12	23.43	264	300328	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	473617	120.76	ng	-0.02
7) Phenol-d6	6.85	99	661756	112.40	ng	-0.02
23) Nitrobenzene-d5	8.81	82	332665	71.35	ng	-0.03
41) 2,4,6-Tribromophenol	15.79	330	145519	132.94	ng	-0.02
44) 2-Fluorobiphenyl	12.91	172	750728	78.97	ng	-0.03
78) Terphenyl-d14	19.66	244	975939	72.87	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.12	88	51352	28.80 ng	95
3) Pyridine	3.52	79	144482	27.12 ng	94
4) n-Nitrosodimethylamine	3.44	42	47850	30.21 ng	99
6) Aniline	6.98	93	132515	15.76 ng	99
8) 2-Chlorophenol	7.22	128	183794	39.02 ng	94
9) Benzaldehyde	6.79	77	16252	4.71 ng	95
10) Phenol	6.87	94	229413	36.42 ng	98
11) bis(2-Chloroethyl)ether	7.08	93	159294	31.71 ng	96
12) 1,3-Dichlorobenzene	7.54	146	166904	35.09 ng	95
13) 1,4-Dichlorobenzene	7.69	146	171014	34.66 ng	97
14) 1,2-Dichlorobenzene	8.00	146	164655	34.90 ng	99
15) Benzyl Alcohol	7.89	79	132552	32.30 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	160444	28.36 ng	96
17) 2-Methylphenol	8.11	107	154075	36.47 ng	96
18) Hexachloroethane	8.72	117	61828	32.76 ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	117417	27.83 ng	97
20) 3+4-Methylphenols	8.44	107	208985	35.72 ng	98
22) Acetophenone	8.47	105	224605	35.87 ng	# 97
24) Nitrobenzene	8.85	77	167897	33.68 ng	94
25) Isophorone	9.37	82	326149	31.50 ng	97
26) 2-Nitrophenol	9.56	139	101741	43.76 ng	95
27) 2,4-Dimethylphenol	9.63	122	183491	42.37 ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	203303	34.40 ng	99
29) 2,4-Dichlorophenol	10.10	162	159591	46.57 ng	96
30) 1,2,4-Trichlorobenzene	10.30	180	141810	39.64 ng	98
31) Naphthalene	10.48	128	517514	36.77 ng	99
32) Benzoic acid	9.78	122	83248	32.84 ng	98
33) 4-Chloroaniline	10.61	127	73657	11.15 ng	96
34) Hexachlorobutadiene	10.77	225	60933	38.77 ng	99
35) Caprolactam	11.37	113	86713m	40.20 ng	
36) 4-Chloro-3-methylphenol	11.75	107	190322	42.05 ng	92
37) 2-Methylnaphthalene	12.10	142	384894	38.02 ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.48	216	132967	37.31 ng	99
40) Hexachlorocyclopentadiene	12.45	237	97674	59.88 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	113334	42.80	nq	99
43) 2,4,5-Trichlorophenol	12.80	196	126911	44.86	nq	96
45) 1,1'-Biphenyl	13.12	154	470552	37.90	nq	98
46) 2-Chloronaphthalene	13.16	162	360391	38.10	nq	99
47) 2-Nitroaniline	13.38	65	115182	37.78	nq	90
48) Acenaphthylene	14.02	152	633151	37.65	nq	99
49) Dimethylphthalate	13.76	163	463257	39.05	nq	100
50) 2,6-Dinitrotoluene	13.88	165	118005	41.13	nq	94
51) Acenaphthene	14.36	154	379760	37.79	nq	98
52) 3-Nitroaniline	14.21	138	76085	20.77	nq	90
53) 2,4-Dinitrophenol	14.43	184	103074	63.93	nq	# 91
54) Dibenzofuran	14.69	168	559427	40.11	nq	99
55) 4-Nitrophenol	14.54	139	232148	76.67	nq	96
56) 2,4-Dinitrotoluene	14.67	165	169017	43.25	nq	93
57) Fluorene	15.34	166	488251	39.68	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.93	232	96173	44.05	nq	93
59) Diethylphthalate	15.12	149	494905	39.19	nq	100
60) 4-Chlorophenyl-phenylether	15.34	204	199748	39.69	nq	98
61) 4-Nitroaniline	15.38	138	156130	37.54	nq	98
62) Azobenzene	15.63	77	488011	36.31	nq	97
64) 4,6-Dinitro-2-methylphenol	15.44	198	85877	35.38	nq	89
65) n-Nitrosodiphenylamine	15.55	169	445355	37.01	nq	98
66) 4-Bromophenyl-phenylether	16.23	248	107056	37.66	nq	94
67) Hexachlorobenzene	16.34	284	110653	37.46	nq	99
68) Atrazine	16.51	200	140407	41.86	nq	99
69) Pentachlorophenol	16.69	266	121080	67.12	nq	99
70) Phenanthrene	17.08	178	756681	37.79	nq	99
71) Anthracene	17.16	178	773512	38.98	nq	100
72) Carbazole	17.44	167	799587	40.15	nq	99
73) Di-n-butylphthalate	18.00	149	952269	39.07	nq	100
74) Fluoranthene	19.09	202	808919	39.19	nq	97
76) Benzidine	19.29	184	264285	19.88	nq	98
77) Pyrene	19.46	202	842933	38.62	nq	100
79) Butylbenzylphthalate	20.35	149	446710	41.66	nq	96
80) Benzo(a)anthracene	21.20	228	716623	38.68	nq	99
81) 3,3'-Dichlorobenzidine	21.14	252	154150	25.30	nq	98
82) Chrysene	21.25	228	683365	38.21	nq	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	610514	42.06	nq	99
84) Di-n-octyl phthalate	21.99	149	1033421	43.69	nq	97
85) Indeno(1,2,3-cd)pyrene	25.70	276	768585	41.37	nq	98
87) Benzo(b)fluoranthene	22.76	252	686897	39.05	nq	99
88) Benzo(k)fluoranthene	22.81	252	662927	38.51	nq	98
89) Benzo(a)pyrene	23.34	252	671773	40.75	nq	99
90) Dibenzo(a,h)anthracene	25.71	278	636266	39.66	nq	98
91) Benzo(g,h,i)perylene	26.39	276	651316	40.65	nq	98

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

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