

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080388.D
 Acq On : 8 Jul 2015 15:23
 Operator : TP/UM
 Sample : PB84381BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84381BS

Manual Integrations
 APPROVED

apatel
 7/9/2015 2:19:04 PM

Quant Time: Jul 09 01:35:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	38093	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	142125	20.00	ng	0.00
38) Acenaphthene-d10	10.27	164	71152	20.00	ng	0.00
63) Phenanthrene-d10	11.77	188	161547	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	171647	20.00	ng	-0.10
86) Perylene-d12	16.57	264	154272	20.00	ng	-0.19

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	264166	127.01	ng	0.00
7) Phenol-d6	6.82	99	342488	124.22	ng	0.00
23) Nitrobenzene-d5	7.77	82	197374	81.00	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	93592	125.71	ng	0.00
44) 2-Fluorobiphenyl	9.57	172	438163	83.11	ng	0.00
78) Terphenyl-d14	13.46	244	535492	72.77	ng	-0.06

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.99	88	33205	33.81	ng	94
3) Pyridine	3.84	79	103253	41.32	ng	98
4) n-Nitrosodimethylamine	3.74	42	40666	34.63	ng	93
6) Aniline	6.86	93	95964	25.14	ng	98
8) 2-Chlorophenol	6.99	128	97746	40.54	ng	98
9) Benzaldehyde	6.75	77	39975	26.07	ng	99
10) Phenol	6.83	94	130974	43.81	ng	96
11) bis(2-Chloroethyl)ether	6.92	93	84875	37.63	ng	99
12) 1,3-Dichlorobenzene	7.15	146	111464	37.66	ng	99
13) 1,4-Dichlorobenzene	7.22	146	105394m	38.13	ng	
14) 1,2-Dichlorobenzene	7.38	146	106613	38.11	ng	98
15) Benzyl Alcohol	7.33	79	83548	39.15	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.47	45	142604	39.10	ng	100
17) 2-Methylphenol	7.45	107	73525	39.34	ng	96
18) Hexachloroethane	7.73	117	32507	36.60	ng	96
19) n-Nitroso-di-n-propylamine	7.61	70	65909	36.84	ng	98
20) 3+4-Methylphenols	7.60	107	105713	40.59	ng	98
22) Acetophenone	7.61	105	139017	42.40	ng	99
24) Nitrobenzene	7.78	77	95025	38.82	ng	98
25) Isophorone	8.02	82	187075	39.89	ng	99
26) 2-Nitrophenol	8.11	139	42635	40.25	ng	97
27) 2,4-Dimethylphenol	8.13	122	91746	44.02	ng	99
28) bis(2-Chloroethoxy)methane	8.22	93	114532	39.32	ng	100
29) 2,4-Dichlorophenol	8.35	162	78806	42.59	ng	98
30) 1,2,4-Trichlorobenzene	8.44	180	84880	38.60	ng	98
31) Naphthalene	8.52	128	285024	39.10	ng	100
32) Benzoic acid	8.20	122	45826	42.67	ng	95
33) 4-Chloroaniline	8.56	127	78132m	26.89	ng	
34) Hexachlorobutadiene	8.64	225	50443	37.70	ng	99
35) Caprolactam	8.90	113	23989	41.98	ng	# 73
36) 4-Chloro-3-methylphenol	9.02	107	76707	40.18	ng	98
37) 2-Methylnaphthalene	9.21	142	182475	39.26	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	84891	37.64	ng	99
40) Hexachlorocyclopentadiene	9.37	237	71482	76.58	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.49	196	55391	37.29	ng	97
43) 2,4,5-Trichlorophenol	9.53	196	67535	39.00	ng	98
45) 1,1'-Biphenyl	9.68	154	252265	39.95	ng	98
46) 2-Chloronaphthalene	9.71	162	177700	36.90	ng	98
47) 2-Nitroaniline	9.79	65	58186	43.18	ng	98
48) Acenaphthylene	10.12	152	304683	38.01	ng	100
49) Dimethylphthalate	9.96	163	217040	37.99	ng	100
50) 2,6-Dinitrotoluene	10.03	165	49629	41.55	ng	94
51) Acenaphthene	10.29	154	193436	40.32	ng	97
52) 3-Nitroaniline	10.20	138	40110	29.80	ng	94
53) 2,4-Dinitrophenol	10.32	184	37625	73.13	ng	98
54) Dibenzofuran	10.48	168	265596	38.93	ng	100
55) 4-Nitrophenol	10.35	139	82532	83.67	ng	84
56) 2,4-Dinitrotoluene	10.44	165	63465	41.32	ng	99
57) Fluorene	10.82	166	230001	39.15	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.59	232	53815	38.80	ng	99
59) Diethylphthalate	10.67	149	231454	40.56	ng	99
60) 4-Chlorophenyl-phenylether	10.81	204	103465	39.80	ng	99
61) 4-Nitroaniline	10.82	138	50629	38.75	ng	98
62) Azobenzene	10.97	77	212117	39.14	ng	99
64) 4,6-Dinitro-2-methylphenol	10.85	198	30828	34.46	ng	97
65) n-Nitrosodiphenylamine	10.92	169	183728	35.71	ng	100
66) 4-Bromophenyl-phenylether	11.30	248	68465	37.00	ng	96
67) Hexachlorobenzene	11.38	284	69583	35.84	ng	99
68) Atrazine	11.44	200	55208	36.04	ng	99
69) Pentachlorophenol	11.57	266	66977	69.77	ng	94
70) Phenanthrene	11.79	178	337810	34.86	ng	100
71) Anthracene	11.85	178	363248	38.23	ng	100
72) Carbazole	12.00	167	312175	35.23	ng	99
73) Di-n-butylphthalate	12.34	149	368371	36.34	ng	# 98
74) Fluoranthene	13.06	202	386150	37.09	ng	97
76) Benzidine	13.17	184	117600	27.01	ng	99
77) Pyrene	13.31	202	391288	37.69	ng	100
79) Butylbenzylphthalate	14.02	149	163581	39.49	ng	96
80) Benzo(a)anthracene	14.73	228	401162	38.78	ng	98
81) 3,3'-Dichlorobenzidine	14.67	252	96329	28.08	ng	# 98
82) Chrysene	14.77	228	357094	36.89	ng	99
83) Bis(2-ethylhexyl)phthalate	14.71	149	252802	40.03	ng	# 97
84) Di-n-octyl phthalate	15.52	149	414070	39.69	ng	99
85) Indeno(1,2,3-cd)pyrene	18.33	276	391687	34.42	ng	100
87) Benzo(b)fluoranthene	16.05	252	373625	38.54	ng	98
88) Benzo(k)fluoranthene	16.10	252	340808m	37.13	ng	
89) Benzo(a)pyrene	16.50	252	351390	39.63	ng	99
90) Dibenzo(a,h)anthracene	18.35	278	325950	37.33	ng	99
91) Benzo(g,h,i)perylene	18.87	276	326735	36.90	ng	99

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

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