

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080376.D
 Acq On : 7 Jul 2015 17:30
 Operator : TP/UM
 Sample : PB84384BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB84384BS

Manual Integrations
 APPROVED

apatel
 7/8/2015 4:26:51 PM

Quant Time: Jul 08 02:10:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	37014	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	146117	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	71034	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	139821	20.00	ng	0.03
75) Chrysene-d12	15.04	240	149835m	20.00	ng	0.30
86) Perylene-d12	17.05	264	139363m	20.00	ng	0.49

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	260526	128.91	ng	0.00
7) Phenol-d6	6.84	99	334911	125.02	ng	0.01
23) Nitrobenzene-d5	7.79	82	195685	78.11	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	82228	110.63	ng	0.01
44) 2-Fluorobiphenyl	9.60	172	411725	78.22	ng	0.00
78) Terphenyl-d14	13.64	244	503809	78.43	ng	0.17

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	34077	35.71	ng	92
3) Pyridine	3.88	79	89617	36.91	ng	99
4) n-Nitrosodimethylamine	3.78	42	50552	44.30	ng	80
6) Aniline	6.89	93	98561	26.57	ng	99
8) 2-Chlorophenol	7.01	128	100675	42.97	ng	98
9) Benzaldehyde	6.77	77	49998	33.56	ng	99
10) Phenol	6.85	94	128156	44.12	ng	95
11) bis(2-Chloroethyl)ether	6.94	93	84754	38.67	ng	100
12) 1,3-Dichlorobenzene	7.17	146	113729	39.54	ng	98
13) 1,4-Dichlorobenzene	7.25	146	102618	38.21	ng	98
14) 1,2-Dichlorobenzene	7.40	146	106725	39.26	ng	100
15) Benzyl Alcohol	7.36	79	81230	39.17	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.49	45	147050	41.50	ng	99
17) 2-Methylphenol	7.47	107	73040	40.22	ng	97
18) Hexachloroethane	7.76	117	33050	38.30	ng	97
19) n-Nitroso-di-n-propylamine	7.63	70	66638	38.33	ng	99
20) 3+4-Methylphenols	7.62	107	101581	40.14	ng	98
22) Acetophenone	7.63	105	141215	41.89	ng	99
24) Nitrobenzene	7.80	77	93414	37.12	ng	99
25) Isophorone	8.04	82	185600	38.49	ng	99
26) 2-Nitrophenol	8.13	139	43491	39.93	ng	98
27) 2,4-Dimethylphenol	8.16	122	91690	42.79	ng	99
28) bis(2-Chloroethoxy)methane	8.25	93	119562	39.92	ng	100
29) 2,4-Dichlorophenol	8.37	162	79027	41.54	ng	98
30) 1,2,4-Trichlorobenzene	8.46	180	84360	37.31	ng	98
31) Naphthalene	8.54	128	289142m	38.58	ng	
32) Benzoic acid	8.22	122	45314	41.46	ng	97
33) 4-Chloroaniline	8.58	127	71572m	23.96	ng	
34) Hexachlorobutadiene	8.66	225	49886	36.27	ng	96
35) Caprolactam	8.92	113	23403	39.83	ng	# 84
36) 4-Chloro-3-methylphenol	9.06	107	76938	39.20	ng	# 73
37) 2-Methylnaphthalene	9.24	142	188301	39.41	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	82300	36.56	ng	97
40) Hexachlorocyclopentadiene	9.40	237	65675	71.04	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	57117	38.52	ng	98
43) 2,4,5-Trichlorophenol	9.55	196	64907	37.55	ng	96
45) 1,1'-Biphenyl	9.70	154	239755	38.03	ng	99
46) 2-Chloronaphthalene	9.73	162	189219	39.36	ng	99
47) 2-Nitroaniline	9.81	65	53866	40.04	ng	94
48) Acenaphthylene	10.14	152	279808	34.97	ng	99
49) Dimethylphthalate	9.98	163	198139	34.74	ng	100
50) 2,6-Dinitrotoluene	10.05	165	46096	38.66	ng	97
51) Acenaphthene	10.33	154	188820	39.42	ng	99
52) 3-Nitroaniline	10.22	138	39253	29.22	ng	99
53) 2,4-Dinitrophenol	10.34	184	31230	62.09	ng	96
54) Dibenzofuran	10.50	168	271660	39.89	ng	98
55) 4-Nitrophenol	10.37	139	76599	77.78	ng	85
56) 2,4-Dinitrotoluene	10.46	165	60934	39.74	ng	91
57) Fluorene	10.84	166	219009	37.35	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	54408	39.30	ng	100
59) Diethylphthalate	10.69	149	214738	37.69	ng	98
60) 4-Chlorophenyl-phenylether	10.83	204	105369	40.60	ng	# 91
61) 4-Nitroaniline	10.84	138	50654	38.84	ng	92
62) Azobenzene	10.99	77	217156	40.13	ng	88
64) 4,6-Dinitro-2-methylphenol	10.88	198	25066	32.69	ng	79
65) n-Nitrosodiphenylamine	10.94	169	194458	43.66	ng	99
66) 4-Bromophenyl-phenylether	11.33	248	64912	40.53	ng	95
67) Hexachlorobenzene	11.41	284	65471	38.97	ng	# 85
68) Atrazine	11.48	200	60560	45.68	ng	95
69) Pentachlorophenol	11.61	266	55622	66.95	ng	97
70) Phenanthrene	11.85	178	328028	39.11	ng	99
71) Anthracene	11.91	178	341673	41.55	ng	100
72) Carbazole	12.07	167	300298	39.15	ng	100
73) Di-n-butylphthalate	12.42	149	346865	39.54	ng	100
74) Fluoranthene	13.19	202	339134	37.63	ng	97
76) Benzidine	13.32	184	138187	36.36	ng	98
77) Pyrene	13.47	202	366777m	40.47	ng	
79) Butylbenzylphthalate	14.25	149	148041	40.94	ng	99
80) Benzo(a)anthracene	15.01	228	350324m	38.80	ng	
81) 3,3'-Dichlorobenzidine	14.97	252	80723m	26.96	ng	
82) Chrysene	15.07	228	325591m	38.54	ng	
83) Bis(2-ethylhexyl)phthalate	15.03	149	224100m	40.65	ng	
84) Di-n-octyl phthalate	15.93	149	359186m	39.45	ng	
85) Indeno(1,2,3-cd)pyrene	18.85	276	363203m	36.56	ng	
87) Benzo(b)fluoranthene	16.51	252	348114m	39.75	ng	
88) Benzo(k)fluoranthene	16.55	252	314276m	37.91	ng	
89) Benzo(a)pyrene	16.97	252	316084m	39.46	ng	
90) Dibenzo(a,h)anthracene	18.89	278	305747m	38.76	ng	
91) Benzo(g,h,i)perylene	19.40	276	302645m	37.84	ng	

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

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