

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
 Data File : BF077141.D
 Acq On : 30 Jan 2015 4:19
 Operator : TP/IZ
 Sample : PB81546BS
 Misc : W/DOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81546BS

Quant Time: Jan 30 05:14:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 05:04:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	30321	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	129791	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	70612	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	126154	20.00	ng	0.00
75) Chrysene-d12	21.08	240	126554	20.00	ng	0.00
86) Perylene-d12	22.70	264	115258	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.71	112	189495	102.75	ng	0.00
7) Phenol-d6	7.10	99	238153	102.37	ng	0.00
23) Nitrobenzene-d5	9.00	82	147406	62.92	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	58465	102.00	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	302879	65.28	ng	0.00
78) Terphenyl-d14	19.81	244	344733	62.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.12	88	16818m	21.30	ng	
3) Pyridine	1.56	79	62761	30.72	ng	96
4) n-Nitrosodimethylamine	1.52	42	29234	28.88	ng	# 99
6) Aniline	6.97	93	31106	9.66	ng	96
8) 2-Chlorophenol	7.21	128	67725	31.86	ng	97
9) Benzaldehyde	6.70	77	7784	4.58	ng	96
10) Phenol	7.12	94	77998	31.57	ng	87
11) bis(2-Chloroethyl)ether	7.24	93	64646	33.44	ng	# 71
12) 1,3-Dichlorobenzene	7.52	146	73712	30.47	ng	95
13) 1,4-Dichlorobenzene	7.73	146	76315	29.75	ng	99
14) 1,2-Dichlorobenzene	8.04	146	73423	31.07	ng	99
15) Benzyl Alcohol	8.13	79	60530	32.15	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	81406	31.33	ng	96
17) 2-Methylphenol	8.48	107	52614	30.28	ng	# 91
18) Hexachloroethane	8.78	117	27908	31.28	ng	98
19) n-Nitroso-di-n-propylamine	8.77	70	52000	31.93	ng	96
20) 3+4-Methylphenols	8.87	107	65756	28.58	ng	99
22) Acetophenone	8.68	105	102161	32.14	ng	99
24) Nitrobenzene	9.03	77	71082	29.78	ng	96
25) Isophorone	9.64	82	132588	31.08	ng	97
26) 2-Nitrophenol	9.77	139	35269	29.56	ng	90
27) 2,4-Dimethylphenol	10.06	122	60250	32.65	ng	89
28) bis(2-Chloroethoxy)methane	10.26	93	81067	33.43	ng	97
29) 2,4-Dichlorophenol	10.38	162	54874	31.90	ng	99
30) 1,2,4-Trichlorobenzene	10.50	180	59859	31.33	ng	98
31) Naphthalene	10.64	128	198538	29.71	ng	98
32) Benzoic acid	10.45	122	20883	20.42	ng	91
33) 4-Chloroaniline	10.90	127	34717m	12.86	ng	
34) Hexachlorobutadiene	11.01	225	35470	31.29	ng	93
35) Caprolactam	11.74	113	14306	28.25	ng	# 87
36) 4-Chloro-3-methylphenol	12.21	107	63888	32.44	ng	96
37) 2-Methylnaphthalene	12.30	142	143400	31.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	55662	31.88	ng	97
40) Hexachlorocyclopentadiene	12.69	237	56319	61.08	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	39363	30.95	ng	93
43) 2,4,5-Trichlorophenol	13.15	196	37648	29.02	ng	# 95
45) 1,1'-Biphenyl	13.45	154	173818	33.20	ng	99
46) 2-Chloronaphthalene	13.42	162	136880	31.78	ng	96
47) 2-Nitroaniline	13.77	65	43919	33.61	ng	86
48) Acenaphthylene	14.37	152	221814	30.53	ng	99
49) Dimethylphthalate	14.33	163	167175	33.38	ng	99
50) 2,6-Dinitrotoluene	14.43	165	33797	33.78	ng	96
51) Acenaphthene	14.79	154	125501	30.44	ng	98
52) 3-Nitroaniline	14.77	138	19988	16.54	ng	92
53) 2,4-Dinitrophenol	15.05	184	25476	58.04	ng	91
54) Dibenzofuran	15.21	168	197435	32.88	ng	100
55) 4-Nitrophenol	15.37	139	41099	52.36	ng	98
56) 2,4-Dinitrotoluene	15.36	165	48227	32.85	ng	# 96
57) Fluorene	15.97	166	161442	31.73	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.58	232	29262	30.98	ng	91
59) Diethylphthalate	15.98	149	176534	34.88	ng	99
60) 4-Chlorophenyl-phenylether	16.07	204	68838	33.07	ng	96
61) 4-Nitroaniline	16.13	138	31564	25.71	ng	94
62) Azobenzene	16.37	77	177818	33.72	ng	99
64) 4,6-Dinitro-2-methylphenol	16.21	198	22610	29.27	ng	88
65) n-Nitrosodiphenylamine	16.32	169	136036	30.24	ng	98
66) 4-Bromophenyl-phenylether	16.94	248	41289	32.31	ng	# 86
67) Hexachlorobenzene	16.95	284	42572	31.61	ng	97
68) Atrazine	17.33	200	49028	35.92	ng	93
69) Pentachlorophenol	17.33	266	35552	59.49	ng	98
70) Phenanthrene	17.60	178	241278	30.67	ng	99
71) Anthracene	17.68	178	242199	31.57	ng	98
72) Carbazole	17.97	167	232986	31.31	ng	99
73) Di-n-butylphthalate	18.57	149	297367	34.53	ng	100
74) Fluoranthene	19.26	202	251420	31.19	ng	96
76) Benzidine	19.50	184	98660	24.36	ng	98
77) Pyrene	19.53	202	266782	30.76	ng	99
79) Butylbenzylphthalate	20.48	149	136278	34.69	ng	96
80) Benzo(a)anthracene	21.07	228	252105	31.75	ng	99
81) 3,3'-Dichlorobenzidine	21.08	252	48381	19.17	ng	97
82) Chrysene	21.11	228	218995	30.24	ng	98
83) Bis(2-ethylhexyl)phthalate	21.23	149	194295	35.75	ng	99
84) Di-n-octyl phthalate	21.98	149	341388	36.19	ng	99
85) Indeno(1,2,3-cd)pyrene	23.75	276	227953	29.70	ng	# 81
87) Benzo(b)fluoranthene	22.30	252	222923m	28.72	ng	
88) Benzo(k)fluoranthene	22.33	252	222780m	32.85	ng	
89) Benzo(a)pyrene	22.64	252	220137	32.15	ng	100
90) Dibenzo(a,h)anthracene	23.77	278	194588	30.97	ng	# 95
91) Benzo(g,h,i)perylene	24.03	276	190312	30.47	ng	97

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

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