

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079561.D
 Acq On : 29 May 2015 15:35
 Operator : TP/IZ
 Sample : PB83625BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83625BS

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:20:47 PM

Quant Time: May 29 23:46:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85413	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	351293	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	171979	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	318913	20.00	ng	0.00
75) Chrysene-d12	15.89	240	296125	20.00	ng	0.01
86) Perylene-d12	17.83	264	304432	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	573637	116.49	ng	0.00
7) Phenol-d6	6.55	99	699675	111.47	ng	0.00
23) Nitrobenzene-d5	7.66	82	415753	68.41	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	218133	115.48	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	852951	70.76	ng	0.00
78) Terphenyl-d14	14.53	244	879661	69.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.79	88	70184	29.96	ng	# 100
3) Pyridine	2.43	79	161138	31.24	ng	96
4) n-Nitrosodimethylamine	2.36	42	86769	34.16	ng	98
6) Aniline	6.55	93	170174	19.10	ng	# 83
8) 2-Chlorophenol	6.68	128	208986	36.46	ng	93
9) Benzaldehyde	6.40	77	21727	4.14	ng	98
10) Phenol	6.57	94	258766	35.01	ng	93
11) bis(2-Chloroethyl)ether	6.65	93	196243	36.71	ng	92
12) 1,3-Dichlorobenzene	6.87	146	215575	33.94	ng	98
13) 1,4-Dichlorobenzene	6.97	146	220266	34.00	ng	98
14) 1,2-Dichlorobenzene	7.15	146	207374	34.46	ng	99
15) Benzyl Alcohol	7.15	79	169749	36.80	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.32	45	270252	34.54	ng	91
17) 2-Methylphenol	7.31	107	168375	37.38	ng	99
18) Hexachloroethane	7.56	117	74198	33.27	ng	96
19) n-Nitroso-di-n-propylamine	7.48	70	147176	33.33	ng	# 93
20) 3+4-Methylphenols	7.51	107	220540	35.63	ng	93
22) Acetophenone	7.47	105	290730	36.94	ng	# 93
24) Nitrobenzene	7.68	77	210816	35.20	ng	# 85
25) Isophorone	7.98	82	372504	33.63	ng	94
26) 2-Nitrophenol	8.07	139	104048	36.69	ng	# 85
27) 2,4-Dimethylphenol	8.16	122	187134	36.71	ng	96
28) bis(2-Chloroethoxy)methane	8.26	93	243050	35.40	ng	97
29) 2,4-Dichlorophenol	8.38	162	187245	40.10	ng	95
30) 1,2,4-Trichlorobenzene	8.47	180	177872	36.72	ng	95
31) Naphthalene	8.56	128	595802	35.34	ng	99
32) Benzoic acid	8.31	122	123423	39.02	ng	88
33) 4-Chloroaniline	8.65	127	135044	19.17	ng	95
34) Hexachlorobutadiene	8.71	225	95224	34.56	ng	98
35) Caprolactam	9.08	113	53862	36.58	ng	97
36) 4-Chloro-3-methylphenol	9.27	107	184053	38.00	ng	92
37) 2-Methylnaphthalene	9.42	142	425864	36.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	172271	35.81	ng	# 100
40) Hexachlorocyclopentadiene	9.61	237	95730	69.21	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	117280	34.92	nq	97
43) 2,4,5-Trichlorophenol	9.83	196	131689	39.39	nq #	86
45) 1,1'-Biphenyl	10.00	154	487753	36.31	nq	98
46) 2-Chloronaphthalene	10.01	162	380343	35.85	nq	98
47) 2-Nitroaniline	10.16	65	111492	35.35	nq #	60
48) Acenaphthylene	10.52	152	617986	35.09	nq	99
49) Dimethylphthalate	10.40	163	449292	35.46	nq	99
50) 2,6-Dinitrotoluene	10.47	165	94134	37.18	nq #	68
51) Acenaphthene	10.73	154	355354	35.29	nq	98
52) 3-Nitroaniline	10.67	138	77207	23.45	nq	80
53) 2,4-Dinitrophenol	10.82	184	62932	65.48	nq #	82
54) Dibenzofuran	10.95	168	546823	36.82	nq	98
55) 4-Nitrophenol	10.91	139	134573m	73.69	nq	
56) 2,4-Dinitrotoluene	10.97	165	128926	37.97	nq #	79
57) Fluorene	11.37	166	432486	35.33	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.12	232	96011	39.46	nq #	100
59) Diethylphthalate	11.27	149	430601	34.71	nq	96
60) 4-Chlorophenyl-phenylether	11.39	204	194504	36.77	nq #	80
61) 4-Nitroaniline	11.43	138	104305	34.00	nq	81
62) Azobenzene	11.59	77	465950	38.62	nq	87
64) 4,6-Dinitro-2-methylphenol	11.47	198	52830	34.99	nq	80
65) n-Nitrosodiphenylamine	11.54	169	386857	36.52	nq	100
66) 4-Bromophenyl-phenylether	11.99	248	123343	37.56	nq	93
67) Hexachlorobenzene	12.05	284	136017	36.33	nq #	90
68) Atrazine	12.22	200	109940	38.42	nq	98
69) Pentachlorophenol	12.31	266	114715	79.98	nq	97
70) Phenanthrene	12.56	178	625235	35.74	nq	99
71) Anthracene	12.63	178	644275	36.27	nq	99
72) Carbazole	12.83	167	584318	34.17	nq	98
73) Di-n-butylphthalate	13.29	149	691135	35.73	nq	100
74) Fluoranthene	14.03	202	642091	34.22	nq	99
76) Benzidine	14.22	184	280129	44.17	nq	99
77) Pyrene	14.31	202	673749	36.72	nq	99
79) Butylbenzylphthalate	15.18	149	298748	36.21	nq	91
80) Benzo(a)anthracene	15.87	228	598959	35.16	nq	99
81) 3,3'-Dichlorobenzidine	15.85	252	146414	23.47	nq #	96
82) Chrysene	15.92	228	573564	35.42	nq	100
83) Bis(2-ethylhexyl)phthalate	15.97	149	420723	35.59	nq #	98
84) Di-n-octyl phthalate	16.86	149	717972	34.90	nq	99
85) Indeno(1,2,3-cd)pyrene	19.26	276	727168	34.91	nq	98
87) Benzo(b)fluoranthene	17.33	252	681717	39.26	nq	99
88) Benzo(k)fluoranthene	17.36	252	528360m	34.03	nq	
89) Benzo(a)pyrene	17.76	252	596990	38.95	nq	98
90) Dibenzo(a,h)anthracene	19.28	278	597911	37.27	nq	99
91) Benzo(g,h,i)perylene	19.63	276	605170	38.13	nq	97

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

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