

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088732.D
 Acq On : 6 Jul 2016 11:58
 Operator : UM/SJ
 Sample : PB91742BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91742BS

Manual Integrations

APPROVED
 SOHIL
 7/7/2016 1:55:57 AM

Quant Time: Jul 06 16:43:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 16:39:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	91724	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	396908	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	183801	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	354252	20.00	ng	0.00
75) Chrysene-d12	13.90	240	228168	20.00	ng	0.00
86) Perylene-d12	15.28	264	183749	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	651665	106.48	ng	0.01
7) Phenol-d6	6.40	99	954874	120.75	ng	0.00
23) Nitrobenzene-d5	7.32	82	549523	72.55	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	209071	122.49	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	999184	85.87	ng	0.00
78) Terphenyl-d14	12.86	244	923668	90.17	ng	0.00

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Target Compounds

						Qvalue
3) Pyridine	3.04	79	250544	28.46	ng	92
4) n-Nitrosodimethylamine	2.99	42	110610	32.88	ng	90
6) Aniline	6.42	93	275095	23.87	ng	# 54
8) 2-Chlorophenol	6.55	128	283372	43.08	ng	91
9) Benzaldehyde	6.30	77	197559	36.88	ng	81
10) Phenol	6.42	94	296672	32.87	ng	# 60
11) bis(2-Chloroethyl)ether	6.50	93	264005	39.23	ng	89
12) 1,3-Dichlorobenzene	6.70	146	251691m	34.77	ng	
13) 1,4-Dichlorobenzene	6.78	146	281301	39.15	ng	97
14) 1,2-Dichlorobenzene	6.92	146	243565	36.22	ng	# 86
15) Benzyl Alcohol	6.90	79	238152	40.92	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.05	45	332508	34.11	ng	88
17) 2-Methylphenol	7.03	107	244683	45.60	ng	98
18) Hexachloroethane	7.27	117	105802	38.07	ng	# 81
19) n-Nitroso-di-n-propylamine	7.19	70	210704	39.67	ng	# 83
20) 3+4-Methylphenols	7.18	107	265385	41.21	ng	# 83
22) Acetophenone	7.18	105	380194	39.47	ng	# 87
24) Nitrobenzene	7.35	77	333509	43.67	ng	92
25) Isophorone	7.59	82	550060	39.21	ng	97
26) 2-Nitrophenol	7.66	139	140989	45.02	ng	90
27) 2,4-Dimethylphenol	7.70	122	249606	38.27	ng	87
28) bis(2-Chloroethoxy)methane	7.80	93	379797	41.60	ng	# 96
29) 2,4-Dichlorophenol	7.91	162	246170	46.70	ng	95
30) 1,2,4-Trichlorobenzene	7.99	180	229755	39.72	ng	99
31) Naphthalene	8.07	128	820923	41.95	ng	99
33) 4-Chloroaniline	8.11	127	172635	19.83	ng	98
34) Hexachlorobutadiene	8.19	225	128012	41.33	ng	98
35) Caprolactam	8.49	113	75644m	42.25	ng	
36) 4-Chloro-3-methylphenol	8.60	107	263452	42.27	ng	93
37) 2-Methylnaphthalene	8.75	142	473469	37.58	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	219182	35.85	ng	# 1
40) Hexachlorocyclopentadiene	8.91	237	228712	76.22	ng	100
42) 2,4,6-Trichlorophenol	9.04	196	185457	46.01	ng	98
43) 2,4,5-Trichlorophenol	9.07	196	146232	42.17	ng	# 83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.22	154	630248	41.41	ng	98
46) 2-Chloronaphthalene	9.24	162	498163	41.69	ng	99
47) 2-Nitroaniline	9.34	65	156477	36.90	ng	95
48) Acenaphthylene	9.66	152	741968	39.03	ng	99
49) Dimethylphthalate	9.53	163	598527	45.71	ng	100
50) 2,6-Dinitrotoluene	9.59	165	146842	50.60	ng	# 70
51) Acenaphthene	9.83	154	432816	37.14	ng	98
52) 3-Nitroaniline	9.75	138	90612	24.56	ng	91
53) 2,4-Dinitrophenol	9.85	184	10728	8.37	ng	# 81
54) Dibenzofuran	10.00	168	656595	43.05	ng	# 87
55) 4-Nitrophenol	9.92	139	207312	73.95	ng	94
56) 2,4-Dinitrotoluene	9.99	165	168687	44.46	ng	# 51
57) Fluorene	10.34	166	493917	42.02	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	115863	43.18	ng	# 55
59) Diethylphthalate	10.23	149	568205	43.24	ng	99
60) 4-Chlorophenyl-phenylether	10.34	204	250622	45.89	ng	91
61) 4-Nitroaniline	10.36	138	130624	36.79	ng	81
62) Azobenzene	10.50	77	698916	46.63	ng	90
64) 4,6-Dinitro-2-methylphenol	10.40	198	18866	9.96	ng	# 56
65) n-Nitrosodiphenylamine	10.46	169	459346	38.31	ng	99
66) 4-Bromophenyl-phenylether	10.82	248	141725	39.70	ng	# 72
67) Hexachlorobenzene	10.89	284	172237	43.58	ng	# 90
68) Atrazine	10.99	200	175833	47.06	ng	97
69) Pentachlorophenol	11.08	266	79214	33.87	ng	98
70) Phenanthrene	11.30	178	881449	45.52	ng	99
71) Anthracene	11.35	178	759052	39.42	ng	99
72) Carbazole	11.51	167	841325	46.42	ng	99
73) Di-n-butylphthalate	11.84	149	941552	44.66	ng	# 99
74) Fluoranthene	12.48	202	832954	42.43	ng	100
76) Benzidine	12.61	184	489149	42.41	ng	98
77) Pyrene	12.71	202	874684	45.21	ng	99
79) Butylbenzylphthalate	13.34	149	402672	46.66	ng	98
80) Benzo(a)anthracene	13.89	228	641452	43.66	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	93053	16.85	ng	# 97
82) Chrysene	13.93	228	636827	43.81	ng	97
83) Bis(2-ethylhexyl)phthalate	13.90	149	482138	48.94	ng	# 100
84) Di-n-octyl phthalate	14.50	149	720208	43.03	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.61	276	505140	45.17	ng	# 100
87) Benzo(b)fluoranthene	14.89	252	477396m	41.42	ng	
88) Benzo(k)fluoranthene	14.93	252	498724m	49.70	ng	
89) Benzo(a)pyrene	15.22	252	432702	44.34	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	414598	50.87	ng	99
91) Benzo(g,h,i)perylene	17.01	276	436502	51.76	ng	# 94

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

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