

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091817.D
 Acq On : 20 Dec 2016 13:54
 Operator : UM/SJ
 Sample : PB95481BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Quant Time: Dec 21 00:23:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	229174	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	910097	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	492356	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	783632	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	610741	20.00	ng	-0.01
86) Perylene-d12	15.31	264	515767	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	1485147	108.57	ng	0.01
7) Phenol-d6	6.42	99	1969987	118.09	ng	0.00
23) Nitrobenzene-d5	7.33	82	1381295	87.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	448824	107.50	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2164001	88.30	ng	-0.01
78) Terphenyl-d14	12.86	244	1843985	76.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	235187	34.91	ng	# 95
3) Pyridine	3.08	79	816005	37.60	ng	98
4) n-Nitrosodimethylamine	3.04	42	349106	41.57	ng	98
6) Aniline	6.43	93	183526	8.55	ng	# 1
8) 2-Chlorophenol	6.56	128	617658	41.02	ng	85
9) Benzaldehyde	6.30	77	88842	6.62	ng	95
10) Phenol	6.43	94	737351	39.21	ng	80
11) bis(2-Chloroethyl)ether	6.50	93	565795	37.67	ng	97
12) 1,3-Dichlorobenzene	6.70	146	647049	39.13	ng	98
13) 1,4-Dichlorobenzene	6.77	146	628578	37.57	ng	100
14) 1,2-Dichlorobenzene	6.93	146	630265	43.00	ng	97
15) Benzyl Alcohol	6.91	79	463572	35.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	823196	35.87	ng	89
17) 2-Methylphenol	7.04	107	506434	40.25	ng	95
18) Hexachloroethane	7.28	117	246097	39.59	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	443394	39.96	ng	96
20) 3+4-Methylphenols	7.20	107	664423	47.34	ng	# 72
22) Acetophenone	7.17	105	858285	39.06	ng	96
24) Nitrobenzene	7.34	77	616269	36.36	ng	98
25) Isophorone	7.60	82	1253869	41.64	ng	98
26) 2-Nitrophenol	7.66	139	336935	41.21	ng	100
27) 2,4-Dimethylphenol	7.71	122	576994	43.26	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	732975	41.60	ng	99
29) 2,4-Dichlorophenol	7.92	162	535381	43.53	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	535638	40.18	ng	# 95
31) Naphthalene	8.06	128	1644638	37.83	ng	100
32) Benzoic acid	7.86	122	377592	39.73	ng	96
33) 4-Chloroaniline	8.12	127	100829	5.51	ng	95
34) Hexachlorobutadiene	8.19	225	298951	39.89	ng	99
35) Caprolactam	8.50	113	165796m	41.89	ng	
36) 4-Chloro-3-methylphenol	8.62	107	560096	41.28	ng	98
37) 2-Methylnaphthalene	8.76	142	1158151	42.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	493915	40.25	ng	98
40) Hexachlorocyclopentadiene	8.91	237	433284	83.30	ng	96

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42) 2,4,6-Trichlorophenol	9.05	196	355373	40.53	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	341300	39.62	nq	95
45) 1,1'-Biphenyl	9.23	154	1423234	40.33	nq	98
46) 2-Chloronaphthalene	9.25	162	1077227	40.85	nq	97
47) 2-Nitroaniline	9.34	65	328050	36.43	nq	96
48) Acenaphthylene	9.66	152	1686677	41.28	nq	99
49) Dimethylphthalate	9.54	163	1274693	39.63	nq	100
50) 2,6-Dinitrotoluene	9.60	165	301317	42.73	nq	98
51) Acenaphthene	9.84	154	1065920	38.01	nq	99
52) 3-Nitroaniline	9.76	138	63675	7.25	nq	95
53) 2,4-Dinitrophenol	9.87	184	180649	47.42	nq	# 78
54) Dibenzofuran	10.01	168	1497667	44.91	nq	98
55) 4-Nitrophenol	9.95	139	438367	71.90	nq	# 78
56) 2,4-Dinitrotoluene	10.00	165	359874	40.86	nq	92
57) Fluorene	10.35	166	1151008	44.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	295744	41.52	nq	96
59) Diethylphthalate	10.24	149	1222249	38.66	nq	94
60) 4-Chlorophenyl-phenylether	10.34	204	467456	39.62	nq	100
61) 4-Nitroaniline	10.37	138	250635	30.13	nq	99
62) Azobenzene	10.50	77	1378630	40.98	nq	99
64) 4,6-Dinitro-2-methylphenol	10.41	198	160769	31.11	nq	92
65) n-Nitrosodiphenylamine	10.46	169	1039487	42.72	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	336627	40.97	nq	95
67) Hexachlorobenzene	10.90	284	354181	41.13	nq	94
68) Atrazine	11.00	200	336921	45.82	nq	92
69) Pentachlorophenol	11.09	266	304029	65.43	nq	99
70) Phenanthrene	11.31	178	1751375	44.73	nq	98
71) Anthracene	11.36	178	1597012	38.51	nq	99
72) Carbazole	11.52	167	1505701	41.52	nq	100
73) Di-n-butylphthalate	11.85	149	1763587	37.93	nq	100
74) Fluoranthene	12.49	202	1607648	39.31	nq	99
76) Benzidine	12.61	184	273674	15.57	nq	97
77) Pyrene	12.72	202	1640544	37.20	nq	100
79) Butylbenzylphthalate	13.35	149	838890	40.64	nq	93
80) Benzo(a)anthracene	13.91	228	1407203	40.28	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	209589	14.99	nq	# 95
82) Chrysene	13.94	228	1140528	31.50	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	978234	37.36	nq	99
84) Di-n-octyl phthalate	14.51	149	1797335	37.25	nq	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	1230847	34.57	nq	99
87) Benzo(b)fluoranthene	14.92	252	1299083	39.72	nq	98
88) Benzo(k)fluoranthene	14.95	252	1208139m	52.65	nq	
89) Benzo(a)pyrene	15.27	252	1203580	42.88	nq	# 94
90) Dibenzo(a,h)anthracene	16.68	278	1009669	41.27	nq	# 95
91) Benzo(g,h,i)perylene	17.07	276	1043774	41.97	nq	98

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

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