

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127680.D
 Acq On : 07 Apr 2022 13:20
 Operator : CG\JU
 Sample : PB143890BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143890BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/08/2022
 Supervised By : Jagrut Upadhyay 04/08/2022

Quant Time: Apr 07 16:52:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139981	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	524363	20.000	ng	# 0.00
39) Acenaphthene-d10	10.016	164	305482	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	563003	20.000	ng	0.00
76) Chrysene-d12	14.157	240	446957	20.000	ng	0.00
86) Perylene-d12	15.680	264	314058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	973496	113.004	ng	0.01
7) Phenol-d6	6.587	99	1262594	112.032	ng	0.00
23) Nitrobenzene-d5	7.534	82	910202	77.385	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	409859	126.080	ng	0.00
45) 2-Fluorobiphenyl	9.334	172	1535736	71.119	ng	0.00
79) Terphenyl-d14	13.098	244	1914973	70.720	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.922	88	123912	30.325	ng	85
3) Pyridine	3.663	79	327455	30.427	ng	85
4) n-Nitrosodimethylamine	3.634	42	217266	37.539	ng	# 99
6) Aniline	6.628	93	496102	36.909	ng	93
8) 2-Chlorophenol	6.751	128	372321	42.606	ng	93
9) Benzaldehyde	6.516	77	212192	36.822	ng	99
10) Phenol	6.598	94	460867	40.897	ng	96
11) bis(2-Chloroethyl)ether	6.698	93	382178	41.066	ng	93
12) 1,3-Dichlorobenzene	6.904	146	393389	39.397	ng	99
13) 1,4-Dichlorobenzene	6.981	146	398131	39.443	ng	97
14) 1,2-Dichlorobenzene	7.134	146	384525	39.854	ng	98
15) Benzyl Alcohol	7.104	79	383239m	38.898	ng	
16) 2,2'-oxybis(1-Chloropr...	7.240	45	555960	37.846	ng	96
17) 2-Methylphenol	7.210	107	319102	41.979	ng	100
18) Hexachloroethane	7.481	117	155469	40.365	ng	99
19) n-Nitroso-di-n-propyla...	7.381	70	291454	39.985	ng	97
20) 3+4-Methylphenols	7.363	107	387988	40.053	ng	# 67
22) Acetophenone	7.375	105	529265	37.562	ng	# 84
24) Nitrobenzene	7.551	77	456007	39.995	ng	98
25) Isophorone	7.787	82	838826	40.871	ng	98
26) 2-Nitrophenol	7.863	139	184509	45.030	ng	96
27) 2,4-Dimethylphenol	7.892	122	355886	44.362	ng	94
28) bis(2-Chloroethoxy)met...	7.998	93	472633	37.347	ng	99
29) 2,4-Dichlorophenol	8.104	162	336374	38.923	ng	95
30) 1,2,4-Trichlorobenzene	8.187	180	376700	37.874	ng	97
31) Naphthalene	8.275	128	1052678	38.312	ng	99
32) Benzoic acid	8.016	122	240554	41.330	ng	95
33) 4-Chloroaniline	8.316	127	200475	18.526	ng	95
34) Hexachlorobutadiene	8.387	225	258246	37.746	ng	98
35) Caprolactam	8.698	113	103445m	40.500	ng	
36) 4-Chloro-3-methylphenol	8.798	107	355070	39.189	ng	97
37) 2-Methylnaphthalene	8.969	142	708965	38.579	ng	99
38) 1-Methylnaphthalene	9.069	142	678535	38.253	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	373397	37.267	ng	# 98
41) Hexachlorocyclopentadiene	9.116	237	498604	82.612	ng	96
43) 2,4,6-Trichlorophenol	9.239	196	254205	37.370	ng	99

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44) 2,4,5-Trichlorophenol	9.281	196	261765	38.136	ng	95
46) 1,1'-Biphenyl	9.434	154	871984	37.324	ng	99
47) 2-Chloronaphthalene	9.457	162	695963	37.486	ng	99
48) 2-Nitroaniline	9.551	65	244754	42.446	ng	97
49) Acenaphthylene	9.875	152	1134398	40.170	ng	100
50) Dimethylphthalate	9.734	163	838130	37.851	ng	99
51) 2,6-Dinitrotoluene	9.792	165	182886	43.817	ng	96
52) Acenaphthene	10.051	154	745111	41.880	ng	99
53) 3-Nitroaniline	9.963	138	128030	29.036	ng	98
54) 2,4-Dinitrophenol	10.069	184	180052	86.569	ng	90
55) Dibenzofuran	10.222	168	965807	37.200	ng	96
56) 4-Nitrophenol	10.122	139	284332	82.096	ng	86
57) 2,4-Dinitrotoluene	10.198	165	246261	47.589	ng	92
58) Fluorene	10.563	166	733659	38.245	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.334	232	236555	39.550	ng	100
60) Diethylphthalate	10.434	149	790438	37.304	ng	98
61) 4-Chlorophenyl-phenyle...	10.557	204	387668	36.780	ng	100
62) 4-Nitroaniline	10.586	138	181954	43.815	ng	92
63) Azobenzene	10.716	77	854995	36.110	ng	96
65) 4,6-Dinitro-2-methylph...	10.610	198	113359	41.687	ng	# 78
66) n-Nitrosodiphenylamine	10.675	169	665922	37.556	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	261117	38.215	ng	# 90
68) Hexachlorobenzene	11.110	284	300446	40.224	ng	97
69) Atrazine	11.204	200	251030	42.611	ng	97
70) Pentachlorophenol	11.304	266	342039	76.672	ng	97
71) Phenanthrene	11.533	178	1121697	37.603	ng	99
72) Anthracene	11.586	178	1137687	38.557	ng	98
73) Carbazole	11.739	167	1036482	37.488	ng	99
74) Di-n-butylphthalate	12.063	149	1197540	36.232	ng	98
75) Fluoranthene	12.722	202	1294426	39.766	ng	99
77) Benzidine	12.845	184	425599	36.482	ng	99
78) Pyrene	12.957	202	1318958	34.946	ng	100
80) Butylbenzylphthalate	13.569	149	490083	34.874	ng	97
81) Benzo(a)anthracene	14.145	228	1162039	38.927	ng	98
82) 3,3'-Dichlorobenzidine	14.104	252	282940	30.403	ng	99
83) Chrysene	14.186	228	1059422	36.972	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	637781	32.198	ng	97
85) Di-n-octyl phthalate	14.751	149	958827	33.105	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.245	276	746770	38.058	ng	99
88) Benzo(b)fluoranthene	15.227	252	966972	47.862	ng	98
89) Benzo(k)fluoranthene	15.263	252	838642	41.853	ng	99
90) Benzo(a)pyrene	15.616	252	812868	49.501	ng	98
91) Dibenzo(a,h)anthracene	17.268	278	652655	41.051	ng	96
92) Benzo(g,h,i)perylene	17.727	276	671769	41.216	ng	99

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

