

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130696.D
 Acq On : 18 Oct 2022 13:37
 Operator : CG\JU
 Sample : PB148409BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148409BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/19/2022
 Supervised By : Jagrut Upadhyay 10/19/2022

Quant Time: Oct 18 14:01:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	110322	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	443496	20.000	ng	0.00
39) Acenaphthene-d10	9.610	164	236679	20.000	ng	0.00
64) Phenanthrene-d10	11.092	188	409253	20.000	ng	0.00
76) Chrysene-d12	13.721	240	274338	20.000	ng	0.00
86) Perylene-d12	15.098	264	207614	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	855028	139.703	ng	0.02
7) Phenol-d6	6.240	99	1016778	132.135	ng	0.01
23) Nitrobenzene-d5	7.151	82	653005	80.379	ng	0.00
42) 2,4,6-Tribromophenol	10.404	330	329414	142.241	ng	0.00
45) 2-Fluorobiphenyl	8.939	172	1259584	80.613	ng	0.00
79) Terphenyl-d14	12.674	244	1400006	84.700	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.205	88	104484	28.218	ng	99
3) Pyridine	2.869	79	241277	36.428	ng	98
4) n-Nitrosodimethylamine	2.828	42	142862	45.779	ng	99
6) Aniline	6.240	93	365996	39.728	ng	94
8) 2-Chlorophenol	6.363	128	335714	46.643	ng	99
9) Benzaldehyde	6.128	77	102343	21.169	ng	99
10) Phenol	6.251	94	400521	44.984	ng	79
11) bis(2-Chloroethyl)ether	6.322	93	300694	46.493	ng	99
12) 1,3-Dichlorobenzene	6.510	146	350242	44.443	ng	98
13) 1,4-Dichlorobenzene	6.593	146	359043	44.909	ng	98
14) 1,2-Dichlorobenzene	6.740	146	337125	45.277	ng	99
15) Benzyl Alcohol	6.740	79	250985	45.430	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.863	45	362735	43.595	ng	66
17) 2-Methylphenol	6.857	107	269006	46.985	ng	93
18) Hexachloroethane	7.081	117	133778	44.231	ng	99
19) n-Nitroso-di-n-propyla...	7.004	70	219901	44.293	ng	98
20) 3+4-Methylphenols	7.010	107	335348	43.711	ng	# 85
22) Acetophenone	6.998	105	463278	43.546	ng	94
24) Nitrobenzene	7.169	77	341659	41.819	ng	100
25) Isophorone	7.410	82	601315	44.472	ng	100
26) 2-Nitrophenol	7.487	139	177501	44.303	ng	98
27) 2,4-Dimethylphenol	7.534	122	282013	50.502	ng	99
28) bis(2-Chloroethoxy)met...	7.622	93	366166	46.770	ng	99
29) 2,4-Dichlorophenol	7.734	162	272745	43.655	ng	97
30) 1,2,4-Trichlorobenzene	7.804	180	279671	41.522	ng	99
31) Naphthalene	7.881	128	947529	41.273	ng	99
32) Benzoic acid	7.704	122	140876	39.877	ng	98
33) 4-Chloroaniline	7.939	127	353180	39.714	ng	100
34) Hexachlorobutadiene	7.992	225	174700	41.789	ng	98
35) Caprolactam	8.328	113	88823m	47.252	ng	
36) 4-Chloro-3-methylphenol	8.439	107	295729	43.637	ng	94
37) 2-Methylnaphthalene	8.569	142	621527	43.021	ng	99
38) 1-Methylnaphthalene	8.669	142	593269	42.301	ng	100
40) 1,2,4,5-Tetrachloroben...	8.739	216	281349	43.814	ng	98
41) Hexachlorocyclopentadiene	8.722	237	170025	70.612	ng	100
43) 2,4,6-Trichlorophenol	8.863	196	177609	41.193	ng	99

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44) 2,4,5-Trichlorophenol	8.910	196	190597	40.197	ng	98
46) 1,1'-Biphenyl	9.039	154	756803	44.122	ng	99
47) 2-Chloronaphthalene	9.057	162	590991	42.158	ng	96
48) 2-Nitroaniline	9.169	65	185424	43.939	ng	93
49) Acenaphthylene	9.475	152	883766	42.075	ng	99
50) Dimethylphthalate	9.351	163	692895	42.292	ng	99
51) 2,6-Dinitrotoluene	9.416	165	157530	43.833	ng	91
52) Acenaphthene	9.645	154	537405	42.229	ng	99
53) 3-Nitroaniline	9.586	138	145848	37.022	ng	98
54) 2,4-Dinitrophenol	9.704	184	140037	76.687	ng	98
55) Dibenzofuran	9.816	168	813719	41.973	ng	100
56) 4-Nitrophenol	9.775	139	148562	68.395	ng	98
57) 2,4-Dinitrotoluene	9.822	165	207706	44.969	ng	# 79
58) Fluorene	10.157	166	654615	41.071	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.945	232	154954	40.992	ng	96
60) Diethylphthalate	10.045	149	670700	41.030	ng	98
61) 4-Chlorophenyl-phenyle...	10.151	204	299955	41.627	ng	99
62) 4-Nitroaniline	10.204	138	160207	42.594	ng	98
63) Azobenzene	10.310	77	625780	40.645	ng	99
65) 4,6-Dinitro-2-methylph...	10.228	198	107548	42.052	ng	86
66) n-Nitrosodiphenylamine	10.275	169	572165	42.030	ng	99
67) 4-Bromophenyl-phenylether	10.639	248	201515	43.518	ng	96
68) Hexachlorobenzene	10.698	284	232003	44.321	ng	99
69) Atrazine	10.810	200	178704	48.207	ng	98
70) Pentachlorophenol	10.910	266	148352	72.818	ng	96
71) Phenanthrene	11.116	178	956131	42.168	ng	99
72) Anthracene	11.169	178	955714	43.158	ng	100
73) Carbazole	11.327	167	887086	44.893	ng	99
74) Di-n-butylphthalate	11.657	149	1027885	42.944	ng	100
75) Fluoranthene	12.298	202	981553	45.042	ng	97
77) Benzidine	12.433	184	391305	56.431	ng	98
78) Pyrene	12.527	202	983204	41.543	ng	99
80) Butylbenzylphthalate	13.151	149	402406	44.217	ng	96
81) Benzo(a)anthracene	13.710	228	774288	41.887	ng	100
82) 3,3'-Dichlorobenzidine	13.680	252	254788	47.698	ng	98
83) Chrysene	13.751	228	714243	40.752	ng	99
84) Bis(2-ethylhexyl)phtha...	13.710	149	489450	44.362	ng	100
85) Di-n-octyl phthalate	14.321	149	691759	40.939	ng	99
87) Indeno(1,2,3-cd)pyrene	16.392	276	654148	42.097	ng	99
88) Benzo(b)fluoranthene	14.721	252	648560	49.333	ng	100
89) Benzo(k)fluoranthene	14.745	252	600648	44.871	ng	98
90) Benzo(a)pyrene	15.045	252	527870	48.244	ng	99
91) Dibenzo(a,h)anthracene	16.404	278	565040	44.361	ng	98
92) Benzo(g,h,i)perylene	16.780	276	568239	47.899	ng	99

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

