

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141246.D
 Acq On : 23 Jan 2025 13:33
 Operator : RC/JU
 Sample : PB166185BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166185BS

Quant Time: Jan 23 14:04:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	161429	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	670902	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	376642	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	644659	20.000	ng	-0.01
76) Chrysene-d12	13.986	240	444679	20.000	ng	0.00
86) Perylene-d12	15.457	264	369356	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1425094	136.375	ng	0.00
7) Phenol-d6	6.440	99	1815974	137.190	ng	0.00
23) Nitrobenzene-d5	7.369	82	1158851	91.562	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	679029	158.223	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2254169	91.392	ng	-0.01
79) Terphenyl-d14	12.927	244	2724202	91.054	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	181775	39.062	ng	97
3) Pyridine	3.340	79	472456	41.402	ng	96
4) n-Nitrosodimethylamine	3.287	42	255726	45.831	ng	97
6) Aniline	6.469	93	460409	39.176	ng	# 88
8) 2-Chlorophenol	6.593	128	589991	52.624	ng	96
9) Benzaldehyde	6.351	77	62008	7.954	ng	97
10) Phenol	6.451	94	705648	49.800	ng	90
11) bis(2-Chloroethyl)ether	6.545	93	524809	49.698	ng	97
12) 1,3-Dichlorobenzene	6.745	146	587068	46.950	ng	98
13) 1,4-Dichlorobenzene	6.822	146	601190	47.711	ng	100
14) 1,2-Dichlorobenzene	6.975	146	575937	49.000	ng	98
15) Benzyl Alcohol	6.945	79	517946	54.182	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	703089	47.713	ng	93
17) 2-Methylphenol	7.063	107	480126	53.044	ng	97
18) Hexachloroethane	7.316	117	219535	48.178	ng	99
19) n-Nitroso-di-n-propyla...	7.222	70	391629	50.226	ng	97
20) 3+4-Methylphenols	7.216	107	578133	50.628	ng	# 82
22) Acetophenone	7.216	105	753090	47.219	ng	96
24) Nitrobenzene	7.387	77	600572	45.530	ng	100
25) Isophorone	7.628	82	1103534	51.020	ng	99
26) 2-Nitrophenol	7.704	139	317380	52.894	ng	99
27) 2,4-Dimethylphenol	7.740	122	492190	60.813	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	669453	49.318	ng	100
29) 2,4-Dichlorophenol	7.945	162	498662	51.877	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	510747	46.485	ng	100
31) Naphthalene	8.110	128	1682640	47.558	ng	100
32) Benzoic acid	7.869	122	423361m	54.529	ng	
33) 4-Chloroaniline	8.157	127	236090	19.295	ng	99
34) Hexachlorobutadiene	8.228	225	312806	47.248	ng	99
35) Caprolactam	8.534	113	170052m	54.036	ng	
36) 4-Chloro-3-methylphenol	8.645	107	561627	53.424	ng	99
37) 2-Methylnaphthalene	8.804	142	1126504	49.965	ng	100
38) 1-Methylnaphthalene	8.904	142	1050604	47.283	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	521537	48.244	ng	99
41) Hexachlorocyclopentadiene	8.957	237	646026	182.659	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	378327	51.890	ng	100

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44) 2,4,5-Trichlorophenol	9.128	196	386866	50.242	ng	99
46) 1,1'-Biphenyl	9.269	154	1395378	47.705	ng	99
47) 2-Chloronaphthalene	9.292	162	1058714	46.471	ng	100
48) 2-Nitroaniline	9.386	65	340578	50.431	ng	99
49) Acenaphthylene	9.710	152	1657616	50.927	ng	100
50) Dimethylphthalate	9.575	163	1308912	51.765	ng	100
51) 2,6-Dinitrotoluene	9.634	165	294113	50.019	ng	98
52) Acenaphthene	9.881	154	1260634	55.436	ng	100
53) 3-Nitroaniline	9.798	138	174414	29.189	ng	100
54) 2,4-Dinitrophenol	9.910	184	343368	122.855	ng	94
55) Dibenzofuran	10.057	168	1519777	49.134	ng	100
56) 4-Nitrophenol	9.969	139	493114	105.373	ng	97
57) 2,4-Dinitrotoluene	10.039	165	400157	52.807	ng	98
58) Fluorene	10.398	166	1172070	48.774	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	347891	54.354	ng	98
60) Diethylphthalate	10.275	149	1265960	51.285	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	582171	49.707	ng	100
62) 4-Nitroaniline	10.422	138	299173	51.155	ng	100
63) Azobenzene	10.551	77	1205653	49.499	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	226606	60.661	ng	95
66) n-Nitrosodiphenylamine	10.510	169	1076427	51.768	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	392803	52.924	ng	98
68) Hexachlorobenzene	10.945	284	439679	53.217	ng	99
69) Atrazine	11.039	200	375342	67.041	ng	98
70) Pentachlorophenol	11.139	266	542594	102.550	ng	100
71) Phenanthrene	11.363	178	1778265	51.381	ng	100
72) Anthracene	11.416	178	1825501	54.245	ng	99
73) Carbazole	11.569	167	1623027	52.598	ng	100
74) Di-n-butylphthalate	11.898	149	1914237	54.207	ng	100
75) Fluoranthene	12.551	202	1885593	54.596	ng	99
77) Benzidine	12.669	184	461819	56.003	ng	100
78) Pyrene	12.780	202	1896640	44.656	ng	99
80) Butylbenzylphthalate	13.404	149	775199	54.743	ng	97
81) Benzo(a)anthracene	13.974	228	1478179	48.844	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	269828	28.001	ng	99
83) Chrysene	14.010	228	1399654	49.428	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	999274	58.813	ng	99
85) Di-n-octyl phthalate	14.598	149	1577120	61.469	ng	97
87) Indeno(1,2,3-cd)pyrene	16.915	276	1284602	47.472	ng	98
88) Benzo(b)fluoranthene	15.033	252	1329831	55.835	ng	100
89) Benzo(k)fluoranthene	15.063	252	1056762	52.503	ng	99
90) Benzo(a)pyrene	15.398	252	1101079	56.033	ng	100
91) Dibenzo(a,h)anthracene	16.933	278	1034603	47.272	ng	98
92) Benzo(g,h,i)perylene	17.357	276	968908	42.561	ng	98

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

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