

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141170.D
 Acq On : 15 Jan 2025 12:38
 Operator : RC/JU
 Sample : PB166052BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166052BS

Quant Time: Jan 15 15:24:50 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	6.822	152	127479	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	506328	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	267808	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	466174	20.000	ng	0.00
76) Chrysene-d12	13.986	240	323562	20.000	ng	0.00
86) Perylene-d12	15.445	264	280381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1163086	140.944	ng	0.01
7) Phenol-d6	6.445	99	1438329	137.599	ng	0.00
23) Nitrobenzene-d5	7.381	82	920245	96.342	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	480965	157.616	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1697898	96.814	ng	0.00
79) Terphenyl-d14	12.933	244	2029563	93.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	160846	43.770	ng	98
3) Pyridine	3.375	79	401918	44.601	ng	96
4) n-Nitrosodimethylamine	3.322	42	221055	50.169	ng	99
6) Aniline	6.481	93	356851	38.451	ng	98
8) 2-Chlorophenol	6.604	128	474319	53.574	ng	96
9) Benzaldehyde	6.369	77	57017	9.261	ng	97
10) Phenol	6.463	94	557290	49.804	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	418759	50.217	ng	97
12) 1,3-Dichlorobenzene	6.763	146	486838	49.303	ng	98
13) 1,4-Dichlorobenzene	6.839	146	492556	49.501	ng	99
14) 1,2-Dichlorobenzene	6.987	146	469550	50.588	ng	98
15) Benzyl Alcohol	6.963	79	403011	53.387	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	565690	48.613	ng	96
17) 2-Methylphenol	7.069	107	380332	53.210	ng	99
18) Hexachloroethane	7.334	117	177352	49.286	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	309803	50.313	ng	98
20) 3+4-Methylphenols	7.222	107	459723	50.980	ng	# 90
22) Acetophenone	7.228	105	612166	50.858	ng	# 96
24) Nitrobenzene	7.404	77	482305	48.448	ng	99
25) Isophorone	7.639	82	837162	51.285	ng	100
26) 2-Nitrophenol	7.716	139	241488	53.327	ng	97
27) 2,4-Dimethylphenol	7.751	122	374172	61.258	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	502388	49.040	ng	99
29) 2,4-Dichlorophenol	7.957	162	378003	52.106	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	400024	48.242	ng	99
31) Naphthalene	8.122	128	1328287	49.746	ng	100
32) Benzoic acid	7.869	122	302120	51.562	ng	97
33) 4-Chloroaniline	8.169	127	197447	21.382	ng	99
34) Hexachlorobutadiene	8.245	225	243694	48.773	ng	100
35) Caprolactam	8.539	113	122224m	51.461	ng	
36) 4-Chloro-3-methylphenol	8.657	107	414084	52.192	ng	99
37) 2-Methylnaphthalene	8.816	142	869857	51.122	ng	99
38) 1-Methylnaphthalene	8.916	142	807327	48.144	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	395660	51.474	ng	99
41) Hexachlorocyclopentadiene	8.969	237	485084	192.892	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	288020	55.558	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	275966	50.404	ng	99
46) 1,1'-Biphenyl	9.280	154	1064513	51.183	ng	99
47) 2-Chloronaphthalene	9.304	162	797294	49.219	ng	100
48) 2-Nitroaniline	9.398	65	257290	53.581	ng	99
49) Acenaphthylene	9.722	152	1264438	54.634	ng	100
50) Dimethylphthalate	9.586	163	922734	51.323	ng	100
51) 2,6-Dinitrotoluene	9.645	165	210873	50.437	ng	99
52) Acenaphthene	9.892	154	944636	58.422	ng	100
53) 3-Nitroaniline	9.810	138	124626	29.333	ng	100
54) 2,4-Dinitrophenol	9.916	184	245034	123.301	ng	95
55) Dibenzofuran	10.069	168	1147203	52.161	ng	99
56) 4-Nitrophenol	9.969	139	376730	113.219	ng	95
57) 2,4-Dinitrotoluene	10.045	165	294468	54.651	ng	98
58) Fluorene	10.410	166	876890	51.320	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	247659	54.419	ng	99
60) Diethylphthalate	10.286	149	887513	50.565	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	420869	50.538	ng	99
62) 4-Nitroaniline	10.427	138	220671	53.066	ng	99
63) Azobenzene	10.563	77	873462	50.433	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	163863	60.660	ng	95
66) n-Nitrosodiphenylamine	10.522	169	776049	51.612	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	275766	51.381	ng	99
68) Hexachlorobenzene	10.957	284	313193	52.421	ng	99
69) Atrazine	11.045	200	265174	65.497	ng	99
70) Pentachlorophenol	11.151	266	406670	106.288	ng	99
71) Phenanthrene	11.369	178	1361624	54.405	ng	100
72) Anthracene	11.422	178	1365888	56.128	ng	99
73) Carbazole	11.574	167	1234264	55.314	ng	100
74) Di-n-butylphthalate	11.910	149	1307256	51.192	ng	100
75) Fluoranthene	12.557	202	1429737	57.247	ng	99
77) Benzidine	12.680	184	277768	46.293	ng	99
78) Pyrene	12.786	202	1461903	47.304	ng	100
80) Butylbenzylphthalate	13.410	149	533517	51.779	ng	97
81) Benzo(a)anthracene	13.974	228	1152698	52.347	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	227608	32.461	ng	100
83) Chrysene	14.015	228	1000459	48.556	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	641587	51.896	ng	99
85) Di-n-octyl phthalate	14.586	149	947435	50.749	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	1019288	49.621	ng	98
88) Benzo(b)fluoranthene	15.021	252	1022166	56.536	ng	99
89) Benzo(k)fluoranthene	15.051	252	779261	51.002	ng	100
90) Benzo(a)pyrene	15.386	252	842373	56.471	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	819393	49.319	ng	98
92) Benzo(g,h,i)perylene	17.339	276	756968	43.803	ng	99

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

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