

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010225\
 Data File : BF141061.D
 Acq On : 02 Jan 2025 11:18
 Operator : RC/JU
 Sample : PB165900BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165900BS

Quant Time: Jan 02 11:41:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	241034	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	965765	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	516622	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	852160	20.000	ng	0.00
76) Chrysene-d12	13.986	240	517397	20.000	ng	0.00
86) Perylene-d12	15.451	264	476264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2088477	130.609	ng	0.02
7) Phenol-d6	6.457	99	2672408	129.735	ng	0.00
23) Nitrobenzene-d5	7.393	82	1699975	112.616	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	818499	163.046	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2946535	90.870	ng	0.00
79) Terphenyl-d14	12.933	244	3268214	104.919	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.658	88	282517	39.025	ng	98
3) Pyridine	3.399	79	761852	43.062	ng	98
4) n-Nitrosodimethylamine	3.346	42	415149	46.313	ng	100
6) Aniline	6.487	93	924267	50.310	ng	94
8) 2-Chlorophenol	6.610	128	849534	50.391	ng	97
9) Benzaldehyde	6.375	77	149597	8.296	ng	98
10) Phenol	6.469	94	1046328	49.124	ng	94
11) bis(2-Chloroethyl)ether	6.563	93	799839	46.507	ng	98
12) 1,3-Dichlorobenzene	6.769	146	866143	46.553	ng	99
13) 1,4-Dichlorobenzene	6.845	146	872781	46.534	ng	99
14) 1,2-Dichlorobenzene	6.998	146	835904	47.800	ng	98
15) Benzyl Alcohol	6.969	79	727530	49.149	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1225933	47.135	ng	98
17) 2-Methylphenol	7.075	107	683052	48.769	ng	99
18) Hexachloroethane	7.340	117	320807	48.149	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	583782	46.260	ng	98
20) 3+4-Methylphenols	7.234	107	827325	46.678	ng	# 81
22) Acetophenone	7.240	105	1086794	45.872	ng	99
24) Nitrobenzene	7.410	77	876960	51.991	ng	96
25) Isophorone	7.651	82	1591436	48.448	ng	100
26) 2-Nitrophenol	7.728	139	435976	61.407	ng	98
27) 2,4-Dimethylphenol	7.763	122	689120	57.403	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	967090	46.468	ng	99
29) 2,4-Dichlorophenol	7.963	162	690210	50.693	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	709742	46.056	ng	100
31) Naphthalene	8.134	128	2352428	46.226	ng	100
32) Benzoic acid	7.881	122	554945	54.862	ng	97
33) 4-Chloroaniline	8.175	127	432448	23.489	ng	99
34) Hexachlorobutadiene	8.251	225	429763	47.305	ng	100
35) Caprolactam	8.545	113	231289m	49.969	ng	
36) 4-Chloro-3-methylphenol	8.657	107	735765	48.659	ng	98
37) 2-Methylnaphthalene	8.822	142	1549694	47.601	ng	99
38) 1-Methylnaphthalene	8.922	142	1440884	45.034	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	685932	48.261	ng	98
41) Hexachlorocyclopentadiene	8.975	237	857767	182.116	ng	100
43) 2,4,6-Trichlorophenol	9.098	196	498519	52.701	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	499445	51.602	ng	99
46) 1,1'-Biphenyl	9.287	154	1872062	47.325	ng	99
47) 2-Chloronaphthalene	9.310	162	1431407	46.657	ng	100
48) 2-Nitroaniline	9.404	65	456843	56.058	ng	93
49) Acenaphthylene	9.728	152	2203204	49.886	ng	99
50) Dimethylphthalate	9.586	163	1679720	49.430	ng	100
51) 2,6-Dinitrotoluene	9.645	165	382958	54.708	ng	96
52) Acenaphthene	9.898	154	1616218	54.131	ng	99
53) 3-Nitroaniline	9.810	138	270074	36.663	ng	# 94
54) 2,4-Dinitrophenol	9.922	184	406820	119.785	ng	# 1
55) Dibenzofuran	10.069	168	1995100	47.548	ng	100
56) 4-Nitrophenol	9.969	139	652924	112.325	ng	98
57) 2,4-Dinitrotoluene	10.051	165	513048	59.327	ng	95
58) Fluorene	10.410	166	1518931	46.682	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	442569	55.211	ng	97
60) Diethylphthalate	10.286	149	1619099	48.262	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	745307	47.604	ng	98
62) 4-Nitroaniline	10.428	138	396354	52.319	ng	95
63) Azobenzene	10.563	77	1655933	47.027	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	274979	74.522	ng	91
66) n-Nitrosodiphenylamine	10.522	169	1394838	51.980	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	493242	53.543	ng	98
68) Hexachlorobenzene	10.957	284	537913	52.956	ng	99
69) Atrazine	11.051	200	482020	64.298	ng	99
70) Pentachlorophenol	11.151	266	684788	108.280	ng	99
71) Phenanthrene	11.375	178	2287846	51.011	ng	99
72) Anthracene	11.428	178	2342793	53.309	ng	100
73) Carbazole	11.575	167	2065212	48.884	ng	100
74) Di-n-butylphthalate	11.910	149	2449485	50.975	ng	100
75) Fluoranthene	12.557	202	2324104	47.779	ng	100
77) Benzidine	12.680	184	656948	60.079	ng	99
78) Pyrene	12.786	202	2356198	52.070	ng	100
80) Butylbenzylphthalate	13.410	149	887997	53.742	ng	100
81) Benzo(a)anthracene	13.974	228	1766105	48.977	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	404250	37.313	ng	99
83) Chrysene	14.016	228	1559594	47.978	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	1064227	49.653	ng	99
85) Di-n-octyl phthalate	14.598	149	1632251	52.617	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1761171	58.695	ng	98
88) Benzo(b)fluoranthene	15.027	252	1606879	48.376	ng	99
89) Benzo(k)fluoranthene	15.057	252	1323825	50.850	ng	100
90) Benzo(a)pyrene	15.392	252	1403743	54.447	ng	98
91) Dibenzo(a,h)anthracene	16.933	278	1413944	58.132	ng	98
92) Benzo(g,h,i)perylene	17.351	276	1358718	53.859	ng	98

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

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