

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141104.D
 Acq On : 09 Jan 2025 15:01
 Operator : RC/JU
 Sample : PB165989BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165989BS

Quant Time: Jan 09 15:22:32 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	164895	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	650085	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	344895	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	572927	20.000	ng	0.00
76) Chrysene-d12	13.986	240	339908	20.000	ng	0.00
86) Perylene-d12	15.451	264	339499	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1407862	128.699	ng	0.02
7) Phenol-d6	6.457	99	1785657	126.714	ng	0.00
23) Nitrobenzene-d5	7.393	82	1159076	114.070	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	588256	175.527	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2101187	97.064	ng	0.00
79) Terphenyl-d14	12.933	244	2226250	108.788	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	188204	38.002	ng	98
3) Pyridine	3.393	79	499159	41.242	ng	97
4) n-Nitrosodimethylamine	3.340	42	277030	45.175	ng	95
6) Aniline	6.487	93	506882	40.331	ng	# 91
8) 2-Chlorophenol	6.610	128	577602	50.081	ng	96
9) Benzaldehyde	6.375	77	81011	4.392	ng	97
10) Phenol	6.469	94	691402	47.449	ng	91
11) bis(2-Chloroethyl)ether	6.563	93	529474	45.002	ng	98
12) 1,3-Dichlorobenzene	6.769	146	585872	46.029	ng	99
13) 1,4-Dichlorobenzene	6.846	146	596516	46.490	ng	99
14) 1,2-Dichlorobenzene	6.998	146	573805	47.963	ng	99
15) Benzyl Alcohol	6.969	79	502402	49.612	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	776655	43.649	ng	97
17) 2-Methylphenol	7.081	107	456502	47.644	ng	98
18) Hexachloroethane	7.340	117	221609	48.619	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	398014	46.103	ng	97
20) 3+4-Methylphenols	7.234	107	560559	46.231	ng	# 80
22) Acetophenone	7.240	105	743813	46.641	ng	98
24) Nitrobenzene	7.410	77	594597	52.369	ng	96
25) Isophorone	7.651	82	1076136	48.670	ng	99
26) 2-Nitrophenol	7.728	139	296958	62.074	ng	97
27) 2,4-Dimethylphenol	7.763	122	467099	57.803	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	651105	46.477	ng	100
29) 2,4-Dichlorophenol	7.963	162	471114	51.404	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	485639	46.816	ng	99
31) Naphthalene	8.134	128	1610813	47.023	ng	99
32) Benzoic acid	7.875	122	373507	54.857	ng	98
33) 4-Chloroaniline	8.175	127	203275	16.403	ng	99
34) Hexachlorobutadiene	8.251	225	300585	49.152	ng	99
35) Caprolactam	8.545	113	152540m	48.959	ng	
36) 4-Chloro-3-methylphenol	8.657	107	512349	50.338	ng	100
37) 2-Methylnaphthalene	8.822	142	1068451	48.755	ng	99
38) 1-Methylnaphthalene	8.922	142	992787	46.096	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	483026	50.907	ng	99
41) Hexachlorocyclopentadiene	8.975	237	616665	196.117	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	347023	54.951	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	349420	54.077	ng	97
46) 1,1'-Biphenyl	9.287	154	1317199	49.878	ng	99
47) 2-Chloronaphthalene	9.310	162	990711	48.371	ng	100
48) 2-Nitroaniline	9.404	65	317358	58.143	ng	94
49) Acenaphthylene	9.728	152	1541479	52.282	ng	99
50) Dimethylphthalate	9.586	163	1189700	52.442	ng	100
51) 2,6-Dinitrotoluene	9.645	165	267854	57.142	ng	97
52) Acenaphthene	9.898	154	1152496	57.819	ng	100
53) 3-Nitroaniline	9.810	138	143184	29.788	ng	# 93
54) 2,4-Dinitrophenol	9.922	184	291700	125.387	ng	# 1
55) Dibenzofuran	10.069	168	1405430	50.172	ng	99
56) 4-Nitrophenol	9.975	139	427308	110.113	ng	97
57) 2,4-Dinitrotoluene	10.051	165	362069	62.458	ng	95
58) Fluorene	10.410	166	1073907	49.438	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	307984	57.552	ng	99
60) Diethylphthalate	10.286	149	1163839	51.965	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	526923	50.413	ng	99
62) 4-Nitroaniline	10.428	138	265677	52.518	ng	98
63) Azobenzene	10.563	77	1140322	48.508	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	195461	78.254	ng	93
66) n-Nitrosodiphenylamine	10.522	169	970379	53.786	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	347144	56.050	ng	99
68) Hexachlorobenzene	10.957	284	378129	55.369	ng	99
69) Atrazine	11.051	200	340786	67.614	ng	98
70) Pentachlorophenol	11.151	266	468512	110.188	ng	99
71) Phenanthrene	11.375	178	1602387	53.141	ng	100
72) Anthracene	11.428	178	1634948	55.334	ng	99
73) Carbazole	11.580	167	1405694	49.489	ng	100
74) Di-n-butylphthalate	11.910	149	1695480	52.481	ng	100
75) Fluoranthene	12.563	202	1565804	47.879	ng	97
77) Benzidine	12.680	184	361517	50.325	ng	100
78) Pyrene	12.792	202	1575764	53.007	ng	99
80) Butylbenzylphthalate	13.410	149	581165	53.538	ng	99
81) Benzo(a)anthracene	13.974	228	1172023	49.474	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	223239	31.365	ng	99
83) Chrysene	14.016	228	1030145	48.238	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	688362	48.887	ng	100
85) Di-n-octyl phthalate	14.592	149	1094043	53.683	ng	96
87) Indeno(1,2,3-cd)pyrene	16.910	276	1332502	62.298	ng	96
88) Benzo(b)fluoranthene	15.027	252	1067113	45.068	ng	99
89) Benzo(k)fluoranthene	15.057	252	1003068	54.050	ng	98
90) Benzo(a)pyrene	15.386	252	1003201	54.586	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1060071	61.140	ng	98
92) Benzo(g,h,i)perylene	17.351	276	1002013	55.720	ng	97

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

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