

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
 Data File : BP026209.D
 Acq On : 02 Dec 2025 15:53
 Operator : RC/JU
 Sample : PB170782BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170782BS

Quant Time: Dec 02 16:22:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	268982	20.000	ng	-0.01
21) Naphthalene-d8	10.425	136	1004806	20.000	ng	-0.02
39) Acenaphthene-d10	14.284	164	601680	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1226741	20.000	ng	-0.04
76) Chrysene-d12	21.554	240	1408633	20.000	ng	-0.02
86) Perylene-d12	24.854	264	1584735	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1960111	116.965	ng	0.00
7) Phenol-d6	6.843	99	2345492	109.940	ng	-0.01
23) Nitrobenzene-d5	8.801	82	1406083	79.487	ng	-0.01
42) 2,4,6-Tribromophenol	15.801	330	1020756	130.778	ng	-0.04
45) 2-Fluorobiphenyl	12.895	172	3393780	82.667	ng	-0.04
79) Terphenyl-d14	19.842	244	5922091	85.725	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	244532	35.976	ng	97
3) Pyridine	3.614	79	641244	32.644	ng	97
4) n-Nitrosodimethylamine	3.519	42	303418	41.329	ng	93
6) Aniline	6.996	93	635687	22.567	ng	99
8) 2-Chlorophenol	7.231	128	767208	40.220	ng	100
9) Benzaldehyde	6.813	77	313482	28.039	ng	97
10) Phenol	6.872	94	879635	38.273	ng	97
11) bis(2-Chloroethyl)ether	7.090	93	686434	38.145	ng	98
12) 1,3-Dichlorobenzene	7.554	146	853747	41.544	ng	100
13) 1,4-Dichlorobenzene	7.696	146	870850	42.054	ng	99
14) 1,2-Dichlorobenzene	8.007	146	829950	41.738	ng	99
15) Benzyl Alcohol	7.896	79	581014	37.174	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.184	45	966034	38.224	ng	99
17) 2-Methylphenol	8.101	107	597295	38.177	ng	99
18) Hexachloroethane	8.731	117	312531	41.479	ng	98
19) n-Nitroso-di-n-propyla...	8.460	70	475331	35.864	ng	98
20) 3+4-Methylphenols	8.425	107	791206	36.495	ng	99
22) Acetophenone	8.466	105	1049787	41.104	ng	# 99
24) Nitrobenzene	8.843	77	734327	41.038	ng	99
25) Isophorone	9.366	82	1354493	38.624	ng	99
26) 2-Nitrophenol	9.543	139	374515	41.363	ng	98
27) 2,4-Dimethylphenol	9.607	122	648242	39.704	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	866430	39.449	ng	99
29) 2,4-Dichlorophenol	10.078	162	675987	41.425	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	756981	45.555	ng	99
31) Naphthalene	10.472	128	2213682	40.764	ng	99
32) Benzoic acid	9.737	122	480659	34.959	ng	98
33) 4-Chloroaniline	10.578	127	435742	18.868	ng	99
34) Hexachlorobutadiene	10.766	225	479763	44.393	ng	99
35) Caprolactam	11.354	113	215676	36.911	ng	96
36) 4-Chloro-3-methylphenol	11.713	107	689560	39.758	ng	98
37) 2-Methylnaphthalene	12.084	142	1403623	36.459	ng	99
38) 1-Methylnaphthalene	12.307	142	1433715	38.101	ng	99
40) 1,2,4,5-Tetrachloroben...	12.454	216	819974	45.070	ng	99
41) Hexachlorocyclopentadiene	12.442	237	1068505	89.739	ng	100
43) 2,4,6-Trichlorophenol	12.701	196	541505	43.415	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	597658	42.927	ng	99
46) 1,1'-Biphenyl	13.107	154	1952693	43.100	ng	99
47) 2-Chloronaphthalene	13.142	162	1510187	42.389	ng	100
48) 2-Nitroaniline	13.348	65	416672	42.057	ng	96
49) Acenaphthylene	14.001	152	2513876	42.778	ng	100
50) Dimethylphthalate	13.742	163	1896554	42.203	ng	100
51) 2,6-Dinitrotoluene	13.854	165	411228	46.182	ng	97
52) Acenaphthene	14.348	154	1395824	40.531	ng	99
53) 3-Nitroaniline	14.184	138	273532	26.090	ng	99
54) 2,4-Dinitrophenol	14.389	184	502537	93.492	ng	97
55) Dibenzofuran	14.689	168	2262479	42.416	ng	99
56) 4-Nitrophenol	14.507	139	784038	82.663	ng	96
57) 2,4-Dinitrotoluene	14.648	165	604556	45.470	ng	99
58) Fluorene	15.354	166	1815654	43.065	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.925	232	542112	45.898	ng	100
60) Diethylphthalate	15.131	149	1940035	42.855	ng	99
61) 4-Chlorophenyl-phenyle...	15.354	204	896277	42.726	ng	97
62) 4-Nitroaniline	15.366	138	418833	38.470	ng	96
63) Azobenzene	15.648	77	1645661	43.113	ng	98
65) 4,6-Dinitro-2-methylph...	15.431	198	343139	44.030	ng	95
66) n-Nitrosodiphenylamine	15.566	169	1645206	43.354	ng	100
67) 4-Bromophenyl-phenylether	16.266	248	591135	43.511	ng	98
68) Hexachlorobenzene	16.383	284	699473	44.370	ng	98
69) Atrazine	16.554	200	650190	45.437	ng	99
70) Pentachlorophenol	16.736	266	992247	89.978	ng	99
71) Phenanthrene	17.136	178	3014410	43.621	ng	100
72) Anthracene	17.230	178	3125375	44.342	ng	100
73) Carbazole	17.513	167	2935445	43.849	ng	100
74) Di-n-butylphthalate	18.119	149	3571948	45.007	ng	99
75) Fluoranthene	19.236	202	3715685	44.254	ng	99
77) Benzidine	19.442	184	1014794	22.700	ng	99
78) Pyrene	19.619	202	3963837	42.917	ng	99
80) Butylbenzylphthalate	20.589	149	1749417	43.010	ng	97
81) Benzo(a)anthracene	21.536	228	4110546	42.489	ng	100
82) 3,3'-Dichlorobenzidine	21.460	252	995020	28.283	ng	100
83) Chrysene	21.601	228	3950548	43.330	ng	100
84) Bis(2-ethylhexyl)phtha...	21.495	149	2638941	42.859	ng	99
85) Di-n-octyl phthalate	22.771	149	4463179	41.455	ng	99
87) Indeno(1,2,3-cd)pyrene	28.612	276	5419062	45.596	ng	99
88) Benzo(b)fluoranthene	23.824	252	4246682	44.003	ng	99
89) Benzo(k)fluoranthene	23.895	252	4325261	44.871	ng	100
90) Benzo(a)pyrene	24.706	252	4111691	44.978	ng	99
91) Dibenzo(a,h)anthracene	28.695	278	4445214	45.690	ng	99
92) Benzo(g,h,i)perylene	29.783	276	4424370	45.753	ng	98

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

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