

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120325\
 Data File : BP026226.D
 Acq On : 03 Dec 2025 14:15
 Operator : RC/JU
 Sample : PB170797BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170797BS

Quant Time: Dec 03 14:37:05 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	7.661	152	297525	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1147083	20.000	ng	-0.03
39) Acenaphthene-d10	14.290	164	649211	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1165562	20.000	ng	-0.04
76) Chrysene-d12	21.548	240	1286130	20.000	ng	-0.02
86) Perylene-d12	24.836	264	1348426	20.000	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2159437	116.497	ng	0.00
7) Phenol-d6	6.843	99	2624795	111.229	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1533638	75.944	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	973983	115.650	ng	-0.03
45) 2-Fluorobiphenyl	12.896	172	3761130	84.908	ng	-0.04
79) Terphenyl-d14	19.842	244	4989359	79.102	ng	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	274814	36.552	ng	97
3) Pyridine	3.614	79	628868	28.943	ng	99
4) n-Nitrosodimethylamine	3.520	42	326959	40.263	ng	94
6) Aniline	6.990	93	776188	24.912	ng	99
8) 2-Chlorophenol	7.231	128	874540	41.449	ng	100
9) Benzaldehyde	6.808	77	361709	29.249	ng	98
10) Phenol	6.872	94	1005476	39.552	ng	98
11) bis(2-Chloroethyl)ether	7.090	93	770810	38.725	ng	97
12) 1,3-Dichlorobenzene	7.549	146	925318	40.707	ng	99
13) 1,4-Dichlorobenzene	7.696	146	948203	41.396	ng	99
14) 1,2-Dichlorobenzene	8.002	146	910498	41.396	ng	100
15) Benzyl Alcohol	7.896	79	671291	38.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.184	45	1079460	38.615	ng	98
17) 2-Methylphenol	8.096	107	684901	39.577	ng	99
18) Hexachloroethane	8.725	117	341819	41.014	ng	96
19) n-Nitroso-di-n-propyla...	8.455	70	543065	37.043	ng	97
20) 3+4-Methylphenols	8.419	107	913553	38.096	ng	100
22) Acetophenone	8.466	105	1305798	44.786	ng	99
24) Nitrobenzene	8.837	77	836382	40.944	ng	99
25) Isophorone	9.361	82	1527024	38.143	ng	99
26) 2-Nitrophenol	9.537	139	434752	42.060	ng	98
27) 2,4-Dimethylphenol	9.608	122	736511	39.515	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	999399	39.860	ng	99
29) 2,4-Dichlorophenol	10.072	162	786118	42.199	ng	100
30) 1,2,4-Trichlorobenzene	10.284	180	842963	44.437	ng	98
31) Naphthalene	10.472	128	2503051	40.376	ng	99
32) Benzoic acid	9.749	122	602911	38.412	ng	99
33) 4-Chloroaniline	10.572	127	553511	20.995	ng	99
34) Hexachlorobutadiene	10.760	225	542999	44.012	ng	99
35) Caprolactam	11.355	113	215228	32.265	ng	99
36) 4-Chloro-3-methylphenol	11.707	107	759801	38.374	ng	99
37) 2-Methylnaphthalene	12.084	142	1567949	35.676	ng	99
38) 1-Methylnaphthalene	12.307	142	1622827	37.778	ng	100
40) 1,2,4,5-Tetrachloroben...	12.454	216	1021011	52.012	ng	100
41) Hexachlorocyclopentadiene	12.443	237	1013802	78.911	ng	99
43) 2,4,6-Trichlorophenol	12.702	196	597730	44.415	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	656882	43.727	ng	98
46) 1,1'-Biphenyl	13.107	154	2370338	48.488	ng	99
47) 2-Chloronaphthalene	13.143	162	1680774	43.723	ng	99
48) 2-Nitroaniline	13.349	65	438136	40.986	ng	97
49) Acenaphthylene	14.007	152	2698047	42.551	ng	99
50) Dimethylphthalate	13.743	163	1962356	40.470	ng	100
51) 2,6-Dinitrotoluene	13.854	165	429654	44.718	ng	100
52) Acenaphthene	14.354	154	1527333	41.102	ng	100
53) 3-Nitroaniline	14.184	138	331041	29.263	ng	99
54) 2,4-Dinitrophenol	14.396	184	467669	80.635	ng	97
55) Dibenzofuran	14.690	168	2371691	41.208	ng	99
56) 4-Nitrophenol	14.513	139	688619	67.288	ng	95
57) 2,4-Dinitrotoluene	14.654	165	578242	40.307	ng	99
58) Fluorene	15.354	166	1866188	41.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.925	232	544996	42.764	ng	99
60) Diethylphthalate	15.131	149	1881013	38.509	ng	100
61) 4-Chlorophenyl-phenyle...	15.354	204	937244	41.408	ng	98
62) 4-Nitroaniline	15.372	138	380063	32.353	ng	95
63) Azobenzene	15.654	77	1663382	40.386	ng	99
65) 4,6-Dinitro-2-methylph...	15.425	198	314048	42.412	ng	94
66) n-Nitrosodiphenylamine	15.572	169	1616177	44.825	ng	100
67) 4-Bromophenyl-phenylether	16.272	248	596462	46.208	ng	99
68) Hexachlorobenzene	16.390	284	688817	45.987	ng	96
69) Atrazine	16.548	200	565123	41.565	ng	99
70) Pentachlorophenol	16.737	266	911517	86.996	ng	99
71) Phenanthrene	17.137	178	2822824	42.992	ng	100
72) Anthracene	17.231	178	2815835	42.047	ng	99
73) Carbazole	17.513	167	2603008	40.924	ng	99
74) Di-n-butylphthalate	18.119	149	3086008	40.925	ng	99
75) Fluoranthene	19.236	202	3279889	41.114	ng	98
77) Benzidine	19.442	184	565563m	13.856	ng	
78) Pyrene	19.613	202	3462209	41.056	ng	100
80) Butylbenzylphthalate	20.583	149	1528860	41.168	ng	96
81) Benzo(a)anthracene	21.525	228	3712065	42.025	ng	100
82) 3,3'-Dichlorobenzidine	21.460	252	1044243	32.509	ng	99
83) Chrysene	21.595	228	3580792	43.015	ng	100
84) Bis(2-ethylhexyl)phtha...	21.489	149	2374531	42.238	ng	99
85) Di-n-octyl phthalate	22.754	149	4126452	41.978	ng	99
87) Indeno(1,2,3-cd)pyrene	28.583	276	4807139	47.535	ng	97
88) Benzo(b)fluoranthene	23.807	252	3889091	47.360	ng	99
89) Benzo(k)fluoranthene	23.872	252	3945131	48.100	ng	100
90) Benzo(a)pyrene	24.689	252	3693192	47.480	ng	99
91) Dibenzo(a,h)anthracene	28.665	278	3969859	47.955	ng	98
92) Benzo(g,h,i)perylene	29.742	276	3952702	48.039	ng	99

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

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