

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026323.D
 Acq On : 15 Dec 2025 13:25
 Operator : RC/JU
 Sample : PB170919BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170919BS

Quant Time: Dec 15 14:19:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 15 14:15:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	260280	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	1010496	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	602119	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	1133522	20.000	ng	0.01
76) Chrysene-d12	21.525	240	978119	20.000	ng	-0.01
86) Perylene-d12	24.818	264	1102931	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2006429	123.937	ng	0.00
7) Phenol-d6	6.843	99	2393481	117.102	ng	0.00
23) Nitrobenzene-d5	8.790	82	1428699	80.048	ng	0.00
42) 2,4,6-Tribromophenol	15.801	330	1068246	133.499	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	3594546	86.308	ng	0.00
79) Terphenyl-d14	19.825	244	4917023	100.158	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	225951	34.183	ng	97
3) Pyridine	3.608	79	640058	33.800	ng	96
4) n-Nitrosodimethylamine	3.514	42	288527	40.992	ng	98
6) Aniline	6.984	93	469122	17.520	ng	99
8) 2-Chlorophenol	7.225	128	810117	43.903	ng	99
9) Benzaldehyde	6.802	77	469776	42.981	ng	99
10) Phenol	6.867	94	917155	41.729	ng	97
11) bis(2-Chloroethyl)ether	7.084	93	691959	40.117	ng	97
12) 1,3-Dichlorobenzene	7.543	146	880560	43.987	ng	98
13) 1,4-Dichlorobenzene	7.684	146	885316	43.995	ng	100
14) 1,2-Dichlorobenzene	7.996	146	860952	44.564	ng	100
15) Benzyl Alcohol	7.890	79	626897	41.838	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.161	45	928953	38.531	ng	99
17) 2-Methylphenol	8.090	107	637410	42.478	ng	98
18) Hexachloroethane	8.713	117	316359	43.148	ng	97
19) n-Nitroso-di-n-propyla...	8.449	70	502402	39.573	ng	99
20) 3+4-Methylphenols	8.419	107	851669	41.013	ng	99
22) Acetophenone	8.461	105	1086350	42.140	ng	99
24) Nitrobenzene	8.831	77	764057	42.318	ng	99
25) Isophorone	9.355	82	1433865	40.610	ng	99
26) 2-Nitrophenol	9.537	139	422603	45.894	ng	97
27) 2,4-Dimethylphenol	9.602	122	704929	43.448	ng	99
28) bis(2-Chloroethoxy)met...	9.831	93	899449	40.737	ng	99
29) 2,4-Dichlorophenol	10.072	162	741540	44.800	ng	99
30) 1,2,4-Trichlorobenzene	10.272	180	797116	46.967	ng	99
31) Naphthalene	10.466	128	2320266	42.204	ng	99
32) Benzoic acid	9.760	122	495601	34.638	ng	99
33) 4-Chloroaniline	10.572	127	227087	9.852	ng	99
34) Hexachlorobutadiene	10.755	225	526801	47.215	ng	99
35) Caprolactam	11.360	113	227256	38.624	ng	92
36) 4-Chloro-3-methylphenol	11.713	107	735274	41.963	ng	99
37) 2-Methylnaphthalene	12.084	142	1474274	37.865	ng	99
38) 1-Methylnaphthalene	12.296	142	1538546	40.498	ng	100
40) 1,2,4,5-Tetrachloroben...	12.454	216	895648	48.259	ng	100
41) Hexachlorocyclopentadiene	12.437	237	1078698	90.076	ng	100
43) 2,4,6-Trichlorophenol	12.701	196	597738	47.280	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	652083	46.174	ng	99
46) 1,1'-Biphenyl	13.101	154	2037369	44.567	ng	99
47) 2-Chloronaphthalene	13.143	162	1581915	44.060	ng	99
48) 2-Nitroaniline	13.349	65	429013	43.248	ng	97
49) Acenaphthylene	14.001	152	2670289	45.091	ng	100
50) Dimethylphthalate	13.743	163	1997623	43.931	ng	100
51) 2,6-Dinitrotoluene	13.848	165	435307	48.418	ng	95
52) Acenaphthene	14.343	154	1479092	42.741	ng	100
53) 3-Nitroaniline	14.184	138	141900	13.584	ng	97
54) 2,4-Dinitrophenol	14.401	184	496741	85.517	ng	99
55) Dibenzofuran	14.684	168	2374227	44.157	ng	99
56) 4-Nitrophenol	14.519	139	686842	74.612	ng	94
57) 2,4-Dinitrotoluene	14.654	165	613156	45.666	ng	98
58) Fluorene	15.348	166	1874795	43.924	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.919	232	571414	47.765	ng	98
60) Diethylphthalate	15.131	149	1958210	42.847	ng	99
61) 4-Chlorophenyl-phenylether	15.343	204	959608	45.019	ng	98
62) 4-Nitroaniline	15.366	138	399216	36.753	ng	96
63) Azobenzene	15.643	77	1622139	42.629	ng	98
65) 4,6-Dinitro-2-methylph...	15.437	198	351616	47.400	ng	97
66) n-Nitrosodiphenylamine	15.566	169	1654291	47.096	ng	100
67) 4-Bromophenyl-phenylether	16.260	248	631806	49.811	ng	99
68) Hexachlorobenzene	16.384	284	733431	49.626	ng	97
69) Atrazine	16.548	200	617748	47.057	ng	98
70) Pentachlorophenol	16.737	266	946476	92.412	ng	100
71) Phenanthrene	17.137	178	2866588	44.649	ng	100
72) Anthracene	17.225	178	2957724	45.335	ng	100
73) Carbazole	17.513	167	2667340	43.333	ng	100
74) Di-n-butylphthalate	18.101	149	3315785	45.219	ng	100
75) Fluoranthene	19.219	202	3252468	41.833	ng	99
77) Benzidine	19.413	184	687381	22.538	ng	99
78) Pyrene	19.595	202	3364237	51.523	ng	99
80) Butylbenzylphthalate	20.554	149	1393068	48.830	ng	98
81) Benzo(a)anthracene	21.513	228	3142607	46.602	ng	100
82) 3,3'-Dichlorobenzidine	21.425	252	661838	27.260	ng	99
83) Chrysene	21.572	228	2969915	46.646	ng	100
84) Bis(2-ethylhexyl)phtha...	21.460	149	1971532	46.241	ng	# 99
85) Di-n-octyl phthalate	22.719	149	3337165	45.024	ng	98
87) Indeno(1,2,3-cd)pyrene	28.565	276	3952864	47.563	ng	# 89
88) Benzo(b)fluoranthene	23.783	252	3133010	46.283	ng	98
89) Benzo(k)fluoranthene	23.848	252	3204520	47.121	ng	99
90) Benzo(a)pyrene	24.666	252	3003249	46.889	ng	99
91) Dibenzo(a,h)anthracene	28.642	278	3283209	48.309	ng	98
92) Benzo(g,h,i)perylene	29.712	276	3320878	49.149	ng	96

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

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