

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120825\
 Data File : BP026252.D
 Acq On : 08 Dec 2025 15:06
 Operator : RC/JU
 Sample : PB170839BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB170839BS

Quant Time: Dec 08 15:28:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 05 14:52:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	185542	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	731219	20.000	ng	0.00
39) Acenaphthene-d10	14.272	164	460168	20.000	ng	-0.02
64) Phenanthrene-d10	17.066	188	921617	20.000	ng	-0.03
76) Chrysene-d12	21.524	240	1011501	20.000	ng	-0.01
86) Perylene-d12	24.812	264	1169350	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1444862	125.195	ng	0.00
7) Phenol-d6	6.837	99	1777220	121.996	ng	0.00
23) Nitrobenzene-d5	8.790	82	1035592	80.614	ng	0.00
42) 2,4,6-Tribromophenol	15.783	330	799508	133.600	ng	-0.02
45) 2-Fluorobiphenyl	12.890	172	2611382	82.506	ng	-0.01
79) Terphenyl-d14	19.813	244	4365937	88.222	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.208	88	167913	35.779	ng	98
3) Pyridine	3.602	79	446426	33.123	ng	99
4) n-Nitrosodimethylamine	3.508	42	214689	42.714	ng	# 95
6) Aniline	6.984	93	476802	24.942	ng	98
8) 2-Chlorophenol	7.225	128	573992	43.768	ng	99
9) Benzaldehyde	6.802	77	224523	28.589	ng	99
10) Phenol	6.866	94	666052	42.504	ng	98
11) bis(2-Chloroethyl)ether	7.084	93	493566	40.173	ng	98
12) 1,3-Dichlorobenzene	7.543	146	610927	43.050	ng	99
13) 1,4-Dichlorobenzene	7.690	146	623638	43.610	ng	100
14) 1,2-Dichlorobenzene	8.002	146	597098	43.498	ng	99
15) Benzyl Alcohol	7.884	79	453259	42.801	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.172	45	683283	39.847	ng	98
17) 2-Methylphenol	8.096	107	460006	43.252	ng	99
18) Hexachloroethane	8.719	117	220238	42.398	ng	96
19) n-Nitroso-di-n-propyla...	8.449	70	356760	39.728	ng	99
20) 3+4-Methylphenols	8.413	107	614570	41.847	ng	99
22) Acetophenone	8.460	105	786613	42.410	ng	100
24) Nitrobenzene	8.831	77	549848	42.344	ng	99
25) Isophorone	9.354	82	1023553	40.612	ng	99
26) 2-Nitrophenol	9.537	139	287863	43.846	ng	98
27) 2,4-Dimethylphenol	9.601	122	503634	43.341	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	635564	40.126	ng	98
29) 2,4-Dichlorophenol	10.072	162	527406	44.536	ng	99
30) 1,2,4-Trichlorobenzene	10.284	180	559344	45.949	ng	98
31) Naphthalene	10.466	128	1662789	42.062	ng	99
32) Benzoic acid	9.725	122	326358	35.060	ng	99
33) 4-Chloroaniline	10.572	127	368214	22.234	ng	98
34) Hexachlorobutadiene	10.754	225	352891	44.399	ng	99
35) Caprolactam	11.348	113	175202	41.896	ng	94
36) 4-Chloro-3-methylphenol	11.707	107	541104	43.427	ng	98
37) 2-Methylnaphthalene	12.072	142	1059074	38.013	ng	100
38) 1-Methylnaphthalene	12.301	142	1100573	40.433	ng	100
40) 1,2,4,5-Tetrachloroben...	12.448	216	634423	45.164	ng	99
41) Hexachlorocyclopentadiene	12.431	237	773884	88.319	ng	98
43) 2,4,6-Trichlorophenol	12.695	196	427910	44.823	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	479615	45.108	ng	99
46) 1,1'-Biphenyl	13.101	154	1507215	43.376	ng	99
47) 2-Chloronaphthalene	13.137	162	1165191	42.562	ng	99
48) 2-Nitroaniline	13.342	65	328736	43.842	ng	99
49) Acenaphthylene	13.995	152	1964613	43.731	ng	100
50) Dimethylphthalate	13.737	163	1492041	43.515	ng	99
51) 2,6-Dinitrotoluene	13.842	165	322104	47.536	ng	99
52) Acenaphthene	14.342	154	1088346	41.431	ng	99
53) 3-Nitroaniline	14.172	138	209308	26.425	ng	98
54) 2,4-Dinitrophenol	14.384	184	272034	75.302	ng	96
55) Dibenzofuran	14.678	168	1783709	43.663	ng	99
56) 4-Nitrophenol	14.501	139	606209	85.712	ng	95
57) 2,4-Dinitrotoluene	14.642	165	462132	45.847	ng	97
58) Fluorene	15.336	166	1426179	44.130	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	428707	47.636	ng	98
60) Diethylphthalate	15.119	149	1506982	43.820	ng	99
61) 4-Chlorophenyl-phenyle...	15.336	204	712140	44.194	ng	98
62) 4-Nitroaniline	15.354	138	328208	39.925	ng	97
63) Azobenzene	15.636	77	1245820	43.081	ng	99
65) 4,6-Dinitro-2-methylph...	15.419	198	237275	43.590	ng	98
66) n-Nitrosodiphenylamine	15.554	169	1281599	44.976	ng	100
67) 4-Bromophenyl-phenylether	16.248	248	461191	45.138	ng	98
68) Hexachlorobenzene	16.360	284	539581	45.441	ng	99
69) Atrazine	16.531	200	498784	46.555	ng	99
70) Pentachlorophenol	16.713	266	743286	90.230	ng	99
71) Phenanthrene	17.113	178	2313556	44.529	ng	99
72) Anthracene	17.207	178	2368525	44.758	ng	99
73) Carbazole	17.489	167	2232032	44.553	ng	100
74) Di-n-butylphthalate	18.089	149	2654826	44.855	ng	100
75) Fluoranthene	19.207	202	2806592	44.386	ng	99
77) Benzidine	19.407	184	826616	26.029	ng	98
78) Pyrene	19.589	202	2909344	44.138	ng	100
80) Butylbenzylphthalate	20.554	149	1271873	43.966	ng	99
81) Benzo(a)anthracene	21.501	228	2984977	43.020	ng	99
82) 3,3'-Dichlorobenzidine	21.430	252	718527	28.462	ng	100
83) Chrysene	21.566	228	2835578	43.160	ng	100
84) Bis(2-ethylhexyl)phtha...	21.460	149	1862098	42.793	ng	99
85) Di-n-octyl phthalate	22.724	149	3344625	43.598	ng	99
87) Indeno(1,2,3-cd)pyrene	28.548	276	4062074	45.964	ng	# 94
88) Benzo(b)fluoranthene	23.783	252	3151553	44.346	ng	99
89) Benzo(k)fluoranthene	23.848	252	3304277	46.481	ng	99
90) Benzo(a)pyrene	24.659	252	3096932	45.956	ng	99
91) Dibenzo(a,h)anthracene	28.624	278	3307444	45.756	ng	98
92) Benzo(g,h,i)perylene	29.712	276	3298162	45.770	ng	98

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

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