

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121525\
 Data File : BP026327.D
 Acq On : 15 Dec 2025 16:12
 Operator : RC/JU
 Sample : Q3839-20MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AM7MSD

Quant Time: Dec 15 16:35:50 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	229645	20.000	ng	0.00
21) Naphthalene-d8	10.407	136	876881	20.000	ng	0.00
39) Acenaphthene-d10	14.278	164	546856	20.000	ng	0.00
64) Phenanthrene-d10	17.084	188	1116232	20.000	ng	0.00
76) Chrysene-d12	21.525	240	1233944	20.000	ng	-0.01
86) Perylene-d12	24.818	264	1431617	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	660440	46.237	ng	0.00
7) Phenol-d6	6.837	99	508905	28.220	ng	0.00
23) Nitrobenzene-d5	8.784	82	1057879	68.303	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	934711	128.615	ng	0.00
45) 2-Fluorobiphenyl	12.884	172	2816781	74.468	ng	0.00
79) Terphenyl-d14	19.819	244	4944592	79.838	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.208	88	87434	14.992	ng	96
3) Pyridine	3.602	79	188086	11.258	ng	99
4) n-Nitrosodimethylamine	3.508	42	103983	16.744	ng	# 93
6) Aniline	6.984	93	568415	24.059	ng	98
8) 2-Chlorophenol	7.225	128	533494	32.769	ng	99
9) Benzaldehyde	6.802	77	363807	37.726	ng	99
10) Phenol	6.861	94	226741	11.692	ng	97
11) bis(2-Chloroethyl)ether	7.078	93	564856	37.117	ng	98
12) 1,3-Dichlorobenzene	7.543	146	669480	37.904	ng	99
13) 1,4-Dichlorobenzene	7.684	146	679479	38.270	ng	100
14) 1,2-Dichlorobenzene	7.996	146	669763	39.293	ng	99
15) Benzyl Alcohol	7.884	79	316905	23.971	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.161	45	748363	35.182	ng	98
17) 2-Methylphenol	8.090	107	365149	27.580	ng	98
18) Hexachloroethane	8.713	117	241122	37.273	ng	96
19) n-Nitroso-di-n-propyla...	8.443	70	429303	38.326	ng	99
20) 3+4-Methylphenols	8.413	107	434280	23.703	ng	98
22) Acetophenone	8.455	105	897916	40.138	ng	99
24) Nitrobenzene	8.825	77	630813	40.262	ng	100
25) Isophorone	9.355	82	1237843	40.401	ng	99
26) 2-Nitrophenol	9.531	139	347499	43.488	ng	98
27) 2,4-Dimethylphenol	9.596	122	522604	37.119	ng	99
28) bis(2-Chloroethoxy)met...	9.825	93	748486	39.065	ng	99
29) 2,4-Dichlorophenol	10.066	162	584337	40.682	ng	100
30) 1,2,4-Trichlorobenzene	10.278	180	649778	44.120	ng	99
31) Naphthalene	10.460	128	1920968	40.265	ng	99
32) Benzoic acid	9.708	122	124235	10.006	ng	96
33) 4-Chloroaniline	10.566	127	492390	24.617	ng	99
34) Hexachlorobutadiene	10.749	225	417084	43.078	ng	98
35) Caprolactam	11.349	113	31158	6.102	ng	95
36) 4-Chloro-3-methylphenol	11.702	107	582939	38.339	ng	100
37) 2-Methylnaphthalene	12.072	142	1265750	37.463	ng	99
38) 1-Methylnaphthalene	12.296	142	1320777	40.063	ng	100
40) 1,2,4,5-Tetrachloroben...	12.449	216	768831	45.612	ng	99
41) Hexachlorocyclopentadiene	12.431	237	943699	86.766	ng	97
43) 2,4,6-Trichlorophenol	12.696	196	529198	46.089	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	589000	45.922	ng	98
46) 1,1'-Biphenyl	13.096	154	1812804	43.662	ng	99
47) 2-Chloronaphthalene	13.137	162	1415801	43.418	ng	99
48) 2-Nitroaniline	13.343	65	404481	44.895	ng	97
49) Acenaphthylene	13.996	152	2414014	44.883	ng	99
50) Dimethylphthalate	13.731	163	1887652	45.707	ng	100
51) 2,6-Dinitrotoluene	13.848	165	417225	51.096	ng	96
52) Acenaphthene	14.343	154	1338178	42.576	ng	100
53) 3-Nitroaniline	14.184	138	274602	28.943	ng	99
54) 2,4-Dinitrophenol	14.396	184	483870	91.719	ng	98
55) Dibenzofuran	14.678	168	2178675	44.615	ng	99
56) 4-Nitrophenol	14.519	139	254593	30.451	ng	94
57) 2,4-Dinitrotoluene	14.648	165	597798	49.021	ng	94
58) Fluorene	15.337	166	1758369	45.359	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.919	232	555908	51.165	ng	97
60) Diethylphthalate	15.125	149	1973107	47.536	ng	100
61) 4-Chlorophenyl-phenyle...	15.337	204	910139	47.013	ng	98
62) 4-Nitroaniline	15.360	138	410965	41.658	ng	95
63) Azobenzene	15.637	77	1655008	47.888	ng	98
65) 4,6-Dinitro-2-methylph...	15.425	198	359850	49.262	ng	99
66) n-Nitrosodiphenylamine	15.560	169	1608397	46.499	ng	99
67) 4-Bromophenyl-phenylether	16.254	248	615146	49.249	ng	99
68) Hexachlorobenzene	16.372	284	724962	49.813	ng	96
69) Atrazine	16.542	200	651181	50.372	ng	100
70) Pentachlorophenol	16.731	266	1008107	99.954	ng	99
71) Phenanthrene	17.125	178	2902560	45.910	ng	99
72) Anthracene	17.219	178	2926613	45.553	ng	100
73) Carbazole	17.495	167	2831838	46.718	ng	99
74) Di-n-butylphthalate	18.095	149	3586119	49.663	ng	99
75) Fluoranthene	19.213	202	3575150	46.695	ng	98
77) Benzidine	19.413	184	1510037	39.247	ng	98
78) Pyrene	19.589	202	3734425	45.335	ng	99
80) Butylbenzylphthalate	20.554	149	1705024	47.374	ng	96
81) Benzo(a)anthracene	21.507	228	3911546	45.979	ng	100
82) 3,3'-Dichlorobenzidine	21.425	252	1059310	34.586	ng	99
83) Chrysene	21.572	228	3737860	46.536	ng	100
84) Bis(2-ethylhexyl)phtha...	21.454	149	2582963	48.022	ng	# 99
85) Di-n-octyl phthalate	22.713	149	4499482	48.120	ng	97
87) Indeno(1,2,3-cd)pyrene	28.554	276	5006989	46.415	ng	# 92
88) Benzo(b)fluoranthene	23.771	252	4108795	46.762	ng	99
89) Benzo(k)fluoranthene	23.848	252	4098651	46.432	ng	100
90) Benzo(a)pyrene	24.666	252	3910744	47.039	ng	98
91) Dibenzo(a,h)anthracene	28.618	278	4227192	47.918	ng	98
92) Benzo(g,h,i)perylene	29.724	276	4132652	47.121	ng	97

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

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