

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100825\
 Data File : BP025958.D
 Acq On : 08 Oct 2025 18:10
 Operator : RC/JU
 Sample : Q3297-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP2MSD

Quant Time: Oct 08 18:49:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 08 16:22:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	138967	20.000	ng	0.00
21) Naphthalene-d8	10.490	136	557815	20.000	ng	0.00
39) Acenaphthene-d10	14.343	164	373747	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	749003	20.000	ng	0.00
76) Chrysene-d12	21.583	240	782253	20.000	ng	0.01
86) Perylene-d12	24.918	264	835050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	794956	93.367	ng	0.00
7) Phenol-d6	6.937	99	1089241	96.876	ng	0.00
23) Nitrobenzene-d5	8.878	82	630482	50.586	ng	0.00
42) 2,4,6-Tribromophenol	15.860	330	459562	98.461	ng	0.00
45) 2-Fluorobiphenyl	12.948	172	1420379	51.052	ng	0.00
79) Terphenyl-d14	19.866	244	2418828	55.756	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.296	88	132396	37.451	ng	97
3) Pyridine	3.696	79	371849	38.131	ng	93
4) n-Nitrosodimethylamine	3.602	42	179649	39.526	ng	90
6) Aniline	7.072	93	488890	31.794	ng	99
8) 2-Chlorophenol	7.319	128	456922	48.920	ng	96
9) Benzaldehyde	6.896	77	225714	30.751	ng	98
10) Phenol	6.966	94	574582	48.584	ng	98
11) bis(2-Chloroethyl)ether	7.161	93	428232	45.148	ng	95
12) 1,3-Dichlorobenzene	7.619	146	476024	44.786	ng	97
13) 1,4-Dichlorobenzene	7.766	146	489249	45.147	ng	99
14) 1,2-Dichlorobenzene	8.078	146	473559	45.130	ng	99
15) Benzyl Alcohol	7.978	79	433216	46.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.255	45	621050	40.530	ng	95
17) 2-Methylphenol	8.190	107	386924	48.459	ng	99
18) Hexachloroethane	8.790	117	182857	44.292	ng	98
19) n-Nitroso-di-n-propyla...	8.531	70	340023	43.742	ng	95
20) 3+4-Methylphenols	8.519	107	519640	46.818	ng	98
22) Acetophenone	8.549	105	745262	50.624	ng	# 98
24) Nitrobenzene	8.919	77	502342	45.008	ng	98
25) Isophorone	9.443	82	959683	43.875	ng	99
26) 2-Nitrophenol	9.625	139	251573	50.028	ng	91
27) 2,4-Dimethylphenol	9.696	122	421509	48.610	ng	99
28) bis(2-Chloroethoxy)met...	9.907	93	578834	45.588	ng	# 97
29) 2,4-Dichlorophenol	10.184	162	442844	50.697	ng	99
30) 1,2,4-Trichlorobenzene	10.360	180	465926	47.183	ng	97
31) Naphthalene	10.543	128	1350332	45.380	ng	99
32) Benzoic acid	9.907	122	344803	53.585	ng	99
33) 4-Chloroaniline	10.672	127	274967	22.278	ng	98
34) Hexachlorobutadiene	10.819	225	303460	47.517	ng	99
35) Caprolactam	11.478	113	149424	43.317	ng	90
36) 4-Chloro-3-methylphenol	11.807	107	504392	48.731	ng	98
37) 2-Methylnaphthalene	12.154	142	874223	45.870	ng	98
38) 1-Methylnaphthalene	12.366	142	905688	44.657	ng	100
40) 1,2,4,5-Tetrachloroben...	12.519	216	602164	53.238	ng	99
41) Hexachlorocyclopentadiene	12.496	237	397419	63.641	ng	100
43) 2,4,6-Trichlorophenol	12.778	196	370542	50.099	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	402386	49.068	ng	95
46) 1,1'-Biphenyl	13.160	154	1393669	51.361	ng	99
47) 2-Chloronaphthalene	13.207	162	988634	46.145	ng	99
48) 2-Nitroaniline	13.425	65	330393	46.768	ng	94
49) Acenaphthylene	14.054	152	1644501	46.510	ng	100
50) Dimethylphthalate	13.795	163	1292583	45.907	ng	100
51) 2,6-Dinitrotoluene	13.919	165	287030	47.888	ng	96
52) Acenaphthene	14.401	154	924344	45.387	ng	100
53) 3-Nitroaniline	14.266	138	189863	30.269	ng	100
54) 2,4-Dinitrophenol	14.490	184	349073	88.243	ng	96
55) Dibenzofuran	14.743	168	1490927	44.943	ng	99
56) 4-Nitrophenol	14.631	139	364438	67.666	ng	96
57) 2,4-Dinitrotoluene	14.731	165	411855	48.500	ng	92
58) Fluorene	15.401	166	1218715	46.237	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.990	232	360821	48.983	ng	94
60) Diethylphthalate	15.172	149	1327504	46.350	ng	99
61) 4-Chlorophenyl-phenyle...	15.390	204	634538	47.421	ng	95
62) 4-Nitroaniline	15.448	138	284838	44.837	ng	96
63) Azobenzene	15.690	77	1329466	48.517	ng	97
65) 4,6-Dinitro-2-methylph...	15.513	198	250169	49.952	ng	91
66) n-Nitrosodiphenylamine	15.613	169	1088171	47.912	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	412510	50.201	ng	98
68) Hexachlorobenzene	16.431	284	459487	49.907	ng	92
69) Atrazine	16.595	200	418369	48.328	ng	97
70) Pentachlorophenol	16.795	266	540907	92.019	ng	99
71) Phenanthrene	17.184	178	1940191	46.240	ng	99
72) Anthracene	17.278	178	2019017	47.365	ng	99
73) Carbazole	17.566	167	1851515	47.067	ng	100
74) Di-n-butylphthalate	18.136	149	2286706	47.105	ng	99
75) Fluoranthene	19.272	202	2346008	46.675	ng	99
77) Benzidine	19.478	184	1245387	55.261	ng	99
78) Pyrene	19.648	202	2391327	46.138	ng	98
80) Butylbenzylphthalate	20.589	149	1084679	47.936	ng	98
81) Benzo(a)anthracene	21.560	228	2466567	46.581	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	568079	30.812	ng	99
83) Chrysene	21.630	228	2266194	44.826	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	1576342	47.917	ng	100
85) Di-n-octyl phthalate	22.742	149	2780448	47.224	ng	97
87) Indeno(1,2,3-cd)pyrene	28.724	276	2814436	46.909	ng	# 78
88) Benzo(b)fluoranthene	23.854	252	2379939	47.383	ng	99
89) Benzo(k)fluoranthene	23.924	252	2501966	48.797	ng	99
90) Benzo(a)pyrene	24.760	252	2325981	47.187	ng	97
91) Dibenzo(a,h)anthracene	28.771	278	2328116	47.343	ng	97
92) Benzo(g,h,i)perylene	29.895	276	2262510	46.772	ng	98

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

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