

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091625\
 Data File : BP025760.D
 Acq On : 16 Sep 2025 16:31
 Operator : CG/JU
 Sample : Q3091-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 12/9B-COMPMS

Quant Time: Sep 16 16:52:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	192480	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	737907	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	454715	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	893663	20.000	ng	0.00
76) Chrysene-d12	21.618	240	895184	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1031267	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1168694	97.971	ng	0.00
7) Phenol-d6	6.943	99	1486280	93.737	ng	0.00
23) Nitrobenzene-d5	8.896	82	951019	56.850	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	530074	93.460	ng	-0.01
45) 2-Fluorobiphenyl	12.989	172	1950187	57.106	ng	0.00
79) Terphenyl-d14	19.895	244	2985854	60.005	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	184448	36.841	ng	99
3) Pyridine	3.702	79	507459	36.809	ng	98
4) n-Nitrosodimethylamine	3.613	42	266139	40.912	ng	96
6) Aniline	7.090	93	607734	27.921	ng	99
8) 2-Chlorophenol	7.331	128	567648	43.377	ng	98
9) Benzaldehyde	6.907	77	370018	38.934	ng	97
10) Phenol	6.972	94	719465	43.033	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	562490	41.875	ng	97
12) 1,3-Dichlorobenzene	7.643	146	611625	41.065	ng	98
13) 1,4-Dichlorobenzene	7.790	146	627913	41.387	ng	99
14) 1,2-Dichlorobenzene	8.101	146	601895	40.837	ng	100
15) Benzyl Alcohol	7.996	79	532526	40.644	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	882126	40.157	ng	99
17) 2-Methylphenol	8.201	107	477299	42.344	ng	99
18) Hexachloroethane	8.819	117	235950	40.716	ng	99
19) n-Nitroso-di-n-propyla...	8.549	70	435069	39.340	ng	99
20) 3+4-Methylphenols	8.525	107	634152	40.171	ng	98
22) Acetophenone	8.566	105	916746	46.489	ng	99
24) Nitrobenzene	8.937	77	639036	42.582	ng	97
25) Isophorone	9.466	82	1187988	40.403	ng	100
26) 2-Nitrophenol	9.643	139	307257	46.115	ng	96
27) 2,4-Dimethylphenol	9.707	122	498907	42.682	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	720874	42.413	ng	99
29) 2,4-Dichlorophenol	10.178	162	519501	44.575	ng	99
30) 1,2,4-Trichlorobenzene	10.390	180	565813	43.078	ng	99
31) Naphthalene	10.572	128	1663145	41.800	ng	99
32) Benzoic acid	9.884	122	440970	50.742	ng	98
33) 4-Chloroaniline	10.684	127	279324	16.843	ng	99
34) Hexachlorobutadiene	10.854	225	367445	43.457	ng	100
35) Caprolactam	11.484	113	172381	38.370	ng	94
36) 4-Chloro-3-methylphenol	11.819	107	560605	40.346	ng	96
37) 2-Methylnaphthalene	12.184	142	1043422	40.830	ng	98
38) 1-Methylnaphthalene	12.407	142	1070174	39.270	ng	98
40) 1,2,4,5-Tetrachloroben...	12.548	216	679360	49.304	ng	99
41) Hexachlorocyclopentadiene	12.531	237	727605	96.955	ng	98
43) 2,4,6-Trichlorophenol	12.795	196	419993	46.365	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	461200	45.748	ng	96
46) 1,1'-Biphenyl	13.195	154	1624856	48.683	ng	99
47) 2-Chloronaphthalene	13.236	162	1139511	43.360	ng	99
48) 2-Nitroaniline	13.448	65	377010	43.035	ng	96
49) Acenaphthylene	14.101	152	1889315	43.389	ng	100
50) Dimethylphthalate	13.825	163	1423660	41.009	ng	99
51) 2,6-Dinitrotoluene	13.942	165	315689	42.921	ng	96
52) Acenaphthene	14.448	154	1029630	41.003	ng	99
53) 3-Nitroaniline	14.278	138	215413	27.851	ng	95
54) 2,4-Dinitrophenol	14.501	184	378980	79.294	ng	98
55) Dibenzofuran	14.783	168	1705612	41.675	ng	99
56) 4-Nitrophenol	14.619	139	547611	82.091	ng	97
57) 2,4-Dinitrotoluene	14.754	165	440850	42.117	ng	97
58) Fluorene	15.448	166	1361303	41.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	392471	43.217	ng	98
60) Diethylphthalate	15.219	149	1557440	44.227	ng	99
61) 4-Chlorophenyl-phenyle...	15.436	204	684668	41.744	ng	98
62) 4-Nitroaniline	15.472	138	331487	41.835	ng	97
63) Azobenzene	15.730	77	1546731	45.426	ng	99
65) 4,6-Dinitro-2-methylph...	15.530	198	257767	43.372	ng	98
66) n-Nitrosodiphenylamine	15.654	169	1194267	43.669	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	433443	44.149	ng	98
68) Hexachlorobenzene	16.472	284	472615	43.168	ng	99
69) Atrazine	16.636	200	462759	44.267	ng	98
70) Pentachlorophenol	16.836	266	629600	87.131	ng	98
71) Phenanthrene	17.230	178	2142920	42.272	ng	100
72) Anthracene	17.313	178	2166890	42.128	ng	100
73) Carbazole	17.595	167	2007915	41.990	ng	100
74) Di-n-butylphthalate	18.183	149	2717508	46.308	ng	100
75) Fluoranthene	19.307	202	2499702	41.115	ng	99
77) Benzidine	19.501	184	1002153	38.864	ng	99
78) Pyrene	19.683	202	2568662	43.004	ng	99
80) Butylbenzylphthalate	20.624	149	1206686	46.074	ng	100
81) Benzo(a)anthracene	21.601	228	2587905	42.227	ng	100
82) 3,3'-Dichlorobenzidine	21.518	252	663555	31.313	ng	100
83) Chrysene	21.665	228	2457873	42.072	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	1861866	48.591	ng	100
85) Di-n-octyl phthalate	22.807	149	3111877	45.656	ng	100
87) Indeno(1,2,3-cd)pyrene	28.806	276	3327663	44.371	ng	# 85
88) Benzo(b)fluoranthene	23.924	252	2650963	42.036	ng	100
89) Benzo(k)fluoranthene	23.995	252	2772278	43.080	ng	99
90) Benzo(a)pyrene	24.830	252	2577600	41.737	ng	99
91) Dibenzo(a,h)anthracene	28.877	278	2718164	44.290	ng	99
92) Benzo(g,h,i)perylene	30.000	276	2689765	44.566	ng	99

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

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