

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061325\
 Data File : BP024940.D
 Acq On : 13 Jun 2025 12:04
 Operator : RC/JU
 Sample : PB168437BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168437BS

Quant Time: Jun 13 12:29:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 06 16:20:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	246717	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	952206	20.000	ng	0.00
39) Acenaphthene-d10	14.254	164	584764	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1115991	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1173334	20.000	ng	0.02
86) Perylene-d12	24.759	264	1453621	20.000	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2285760	154.647	ng	0.00
7) Phenol-d6	6.819	99	2844139	145.434	ng	0.00
23) Nitrobenzene-d5	8.766	82	1729980	88.284	ng	0.00
42) 2,4,6-Tribromophenol	15.795	330	1321261	163.428	ng	0.01
45) 2-Fluorobiphenyl	12.860	172	3909725	90.068	ng	0.00
79) Terphenyl-d14	19.795	244	5966738	91.141	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.166	88	243242	37.401	ng 97
3) Pyridine	3.561	79	637474	40.758	ng 99
4) n-Nitrosodimethylamine	3.478	42	289648	45.298	ng 96
6) Aniline	6.955	93	898957	36.020	ng 100
8) 2-Chlorophenol	7.190	128	858635	51.244	ng 99
9) Benzaldehyde	6.766	77	581924	51.625	ng 99
10) Phenol	6.849	94	1002953	49.749	ng 99
11) bis(2-Chloroethyl)ether	7.043	93	739099	46.612	ng 100
12) 1,3-Dichlorobenzene	7.496	146	879253	47.039	ng 98
13) 1,4-Dichlorobenzene	7.643	146	899447	47.690	ng 99
14) 1,2-Dichlorobenzene	7.954	146	863263	46.611	ng 99
15) Benzyl Alcohol	7.860	79	728541	48.541	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.125	45	916606	44.166	ng 99
17) 2-Methylphenol	8.072	107	695985	49.437	ng 99
18) Hexachloroethane	8.666	117	328864	46.314	ng 97
19) n-Nitroso-di-n-propyla...	8.413	70	573676	43.151	ng 99
20) 3+4-Methylphenols	8.402	107	914043	47.589	ng 99
22) Acetophenone	8.431	105	1158893	48.171	ng 99
24) Nitrobenzene	8.807	77	853422	49.024	ng 97
25) Isophorone	9.325	82	1587798	46.753	ng 99
26) 2-Nitrophenol	9.507	139	459829	53.535	ng 97
27) 2,4-Dimethylphenol	9.578	122	765212	52.054	ng 99
28) bis(2-Chloroethoxy)met...	9.801	93	979464	48.349	ng 99
29) 2,4-Dichlorophenol	10.054	162	771538	54.700	ng 99
30) 1,2,4-Trichlorobenzene	10.248	180	783356	49.240	ng 98
31) Naphthalene	10.431	128	2394432	49.069	ng 100
32) Benzoic acid	9.784	122	524179	52.767	ng 98
33) 4-Chloroaniline	10.554	127	573311	28.043	ng 99
34) Hexachlorobutadiene	10.707	225	499296	52.072	ng 98
35) Caprolactam	11.366	113	254901	49.095	ng 90
36) 4-Chloro-3-methylphenol	11.707	107	838521	51.541	ng 98
37) 2-Methylnaphthalene	12.043	142	1539502	49.737	ng 99
38) 1-Methylnaphthalene	12.272	142	1584951	47.895	ng 99
40) 1,2,4,5-Tetrachloroben...	12.425	216	873290	52.630	ng 99
41) Hexachlorocyclopentadiene	12.395	237	1066581	105.387	ng 99
43) 2,4,6-Trichlorophenol	12.678	196	604180	54.219	ng 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	668292	56.000	ng	99
46) 1,1'-Biphenyl	13.078	154	2175779	51.199	ng	99
47) 2-Chloronaphthalene	13.119	162	1658680	50.784	ng	100
48) 2-Nitroaniline	13.337	65	517720	51.559	ng	94
49) Acenaphthylene	13.978	152	2729587	50.122	ng	100
50) Dimethylphthalate	13.719	163	2169457	50.292	ng	100
51) 2,6-Dinitrotoluene	13.842	165	477054	51.299	ng	100
52) Acenaphthene	14.319	154	1559389	49.970	ng	99
53) 3-Nitroaniline	14.189	138	327242	33.909	ng	96
54) 2,4-Dinitrophenol	14.407	184	621423	101.049	ng	97
55) Dibenzofuran	14.666	168	2497892	49.865	ng	100
56) 4-Nitrophenol	14.554	139	711420	86.598	ng	99
57) 2,4-Dinitrotoluene	14.648	165	680996	52.350	ng	96
58) Fluorene	15.331	166	2013597	49.760	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.913	232	570741	53.528	ng	97
60) Diethylphthalate	15.101	149	2174185	50.573	ng	99
61) 4-Chlorophenyl-phenyle...	15.319	204	1009653	51.029	ng	98
62) 4-Nitroaniline	15.384	138	463892	53.014	ng	96
63) Azobenzene	15.625	77	1924309	48.805	ng	97
65) 4,6-Dinitro-2-methylph...	15.442	198	395257	53.901	ng	97
66) n-Nitrosodiphenylamine	15.542	169	1779554	51.446	ng	100
67) 4-Bromophenyl-phenylether	16.236	248	665933	52.885	ng	98
68) Hexachlorobenzene	16.360	284	806327	52.821	ng	100
69) Atrazine	16.536	200	657710	52.450	ng	99
70) Pentachlorophenol	16.725	266	944988	119.611	ng	100
71) Phenanthrene	17.107	178	3071779	49.809	ng	100
72) Anthracene	17.207	178	3145447	50.360	ng	100
73) Carbazole	17.495	167	2921523	50.464	ng	100
74) Di-n-butylphthalate	18.083	149	3663183	51.070	ng	99
75) Fluoranthene	19.207	202	3564271	49.864	ng	99
77) Benzidine	19.407	184	2127453	58.543	ng	100
78) Pyrene	19.583	202	3678667	50.184	ng	99
80) Butylbenzylphthalate	20.524	149	1717429	51.149	ng	98
81) Benzo(a)anthracene	21.477	228	3808709	50.753	ng	99
82) 3,3'-Dichlorobenzidine	21.407	252	1071165	35.954	ng	100
83) Chrysene	21.542	228	3563319	50.112	ng	99
84) Bis(2-ethylhexyl)phtha...	21.413	149	2543103	52.863	ng	99
85) Di-n-octyl phthalate	22.648	149	4445475	52.427	ng	98
87) Indeno(1,2,3-cd)pyrene	28.477	276	5325882	50.216	ng	# 91
88) Benzo(b)fluoranthene	23.736	252	4140591	49.772	ng	99
89) Benzo(k)fluoranthene	23.795	252	4146652	48.968	ng	100
90) Benzo(a)pyrene	24.607	252	4077987	50.195	ng	99
91) Dibenzo(a,h)anthracene	28.547	278	4355580	50.453	ng	99
92) Benzo(g,h,i)perylene	29.612	276	4281519	49.985	ng	99

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

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