

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024653.D
 Acq On : 16 May 2025 12:11
 Operator : RC/JU
 Sample : PB168019BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168019BS

Quant Time: May 16 12:35:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	142784	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	572826	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	359699	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	714652	20.000	ng	0.00
76) Chrysene-d12	21.515	240	785056	20.000	ng	0.00
86) Perylene-d12	24.792	264	884774	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	781438	93.606	ng	0.00
7) Phenol-d6	6.857	99	970882	91.124	ng	0.00
23) Nitrobenzene-d5	8.810	82	895132	78.956	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	551222	90.395	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2192521	79.858	ng	0.00
79) Terphenyl-d14	19.810	244	3864813	84.414	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	131704	33.598	ng	99
3) Pyridine	3.616	79	330038	37.970	ng	99
4) n-Nitrosodimethylamine	3.528	42	162429	42.328	ng	99
6) Aniline	6.998	93	461230	33.530	ng	99
8) 2-Chlorophenol	7.234	128	453564	47.860	ng	99
9) Benzaldehyde	6.816	77	266322	38.614	ng	100
10) Phenol	6.881	94	524241	47.672	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	382585	42.340	ng	100
12) 1,3-Dichlorobenzene	7.551	146	474624	43.531	ng	98
13) 1,4-Dichlorobenzene	7.692	146	481098	43.871	ng	100
14) 1,2-Dichlorobenzene	8.010	146	465651	43.577	ng	99
15) Benzyl Alcohol	7.904	79	374063	46.200	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	442222	40.865	ng	98
17) 2-Methylphenol	8.110	107	364235	46.180	ng	97
18) Hexachloroethane	8.722	117	179525	42.721	ng	97
19) n-Nitroso-di-n-propyla...	8.463	70	296171	40.185	ng	98
20) 3+4-Methylphenols	8.440	107	491130	45.777	ng	98
22) Acetophenone	8.475	105	633351	44.263	ng	99
24) Nitrobenzene	8.851	77	445795	44.683	ng	97
25) Isophorone	9.375	82	841347	42.782	ng	99
26) 2-Nitrophenol	9.557	139	240929	49.282	ng	98
27) 2,4-Dimethylphenol	9.622	122	412561	47.864	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	502616	42.779	ng	100
29) 2,4-Dichlorophenol	10.092	162	409473	49.023	ng	98
30) 1,2,4-Trichlorobenzene	10.292	180	425911	45.249	ng	97
31) Naphthalene	10.481	128	1330958	44.837	ng	100
32) Benzoic acid	9.792	122	282974	47.289	ng	98
33) 4-Chloroaniline	10.598	127	307218	25.648	ng	99
34) Hexachlorobutadiene	10.763	225	275861	45.241	ng	96
35) Caprolactam	11.392	113	144427	47.791	ng	96
36) 4-Chloro-3-methylphenol	11.739	107	475629	46.694	ng	99
37) 2-Methylnaphthalene	12.092	142	845082	43.967	ng	99
38) 1-Methylnaphthalene	12.316	142	883845	42.976	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	482910	46.233	ng	99
41) Hexachlorocyclopentadiene	12.445	237	691384	109.161	ng	95
43) 2,4,6-Trichlorophenol	12.716	196	339269	50.147	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	373095	49.542	ng	97
46) 1,1'-Biphenyl	13.116	154	1206858	45.395	ng	100
47) 2-Chloronaphthalene	13.157	162	933375	46.045	ng	99
48) 2-Nitroaniline	13.375	65	283458	47.232	ng	97
49) Acenaphthylene	14.010	152	1529557	45.089	ng	99
50) Dimethylphthalate	13.757	163	1214759	44.308	ng	100
51) 2,6-Dinitrotoluene	13.875	165	266111	45.959	ng	98
52) Acenaphthene	14.363	154	868796	44.550	ng	99
53) 3-Nitroaniline	14.210	138	190170	32.166	ng	99
54) 2,4-Dinitrophenol	14.427	184	365507	98.497	ng	93
55) Dibenzofuran	14.698	168	1397497	44.926	ng	97
56) 4-Nitrophenol	14.545	139	488701	94.659	ng	98
57) 2,4-Dinitrotoluene	14.674	165	399430	48.931	ng	96
58) Fluorene	15.357	166	1153640	45.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.933	232	341167	48.836	ng	97
60) Diethylphthalate	15.133	149	1255357	45.303	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	571834	45.207	ng	100
62) 4-Nitroaniline	15.386	138	288862	50.601	ng	97
63) Azobenzene	15.651	77	1059314	44.687	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	237354	51.418	ng	98
66) n-Nitrosodiphenylamine	15.580	169	1030181	46.930	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	393688	46.750	ng	98
68) Hexachlorobenzene	16.380	284	492954	46.068	ng	99
69) Atrazine	16.551	200	397081	49.360	ng	98
70) Pentachlorophenol	16.739	266	670265	111.586	ng	99
71) Phenanthrene	17.139	178	1818854	45.782	ng	100
72) Anthracene	17.227	178	1886701	47.201	ng	100
73) Carbazole	17.515	167	1762855	48.727	ng	99
74) Di-n-butylphthalate	18.092	149	2208856	47.474	ng	99
75) Fluoranthene	19.215	202	2194423	47.253	ng	99
77) Benzidine	19.421	184	1096829	51.297	ng	100
78) Pyrene	19.592	202	2289779	48.679	ng	100
80) Butylbenzylphthalate	20.539	149	1053418	50.354	ng	97
81) Benzo(a)anthracene	21.498	228	2317599	47.015	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	631631	34.498	ng	99
83) Chrysene	21.568	228	2201129	47.104	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1486705	48.350	ng	100
85) Di-n-octyl phthalate	22.680	149	2535302	50.421	ng	99
87) Indeno(1,2,3-cd)pyrene	28.497	276	3193126	49.434	ng	# 92
88) Benzo(b)fluoranthene	23.762	252	2448017	48.339	ng	99
89) Benzo(k)fluoranthene	23.827	252	2410456	46.191	ng	99
90) Benzo(a)pyrene	24.639	252	2334492	47.997	ng	99
91) Dibenzo(a,h)anthracene	28.580	278	2615854	49.779	ng	99
92) Benzo(g,h,i)perylene	29.668	276	2602903	49.809	ng	99

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

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