

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
 Data File : BP024707.D
 Acq On : 20 May 2025 14:35
 Operator : RC/JU
 Sample : PB168048BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168048BS

Quant Time: May 20 15:06:43 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	7.657	152	124819	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	494827	20.000	ng	0.00
39) Acenaphthene-d10	14.287	164	304328	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	614284	20.000	ng	-0.02
76) Chrysene-d12	21.516	240	693187	20.000	ng	0.00
86) Perylene-d12	24.792	264	827509	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	893003	122.366	ng	0.00
7) Phenol-d6	6.863	99	1089104	116.932	ng	0.01
23) Nitrobenzene-d5	8.810	82	680416	69.477	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	718839	139.330	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1730298	74.489	ng	-0.01
79) Terphenyl-d14	19.816	244	3106963	76.855	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	105719	30.850	ng	97
3) Pyridine	3.617	79	245584	32.320	ng	93
4) n-Nitrosodimethylamine	3.528	42	126980	37.853	ng	84
6) Aniline	6.999	93	311151	25.875	ng	99
8) 2-Chlorophenol	7.234	128	345097	41.656	ng	99
9) Benzaldehyde	6.810	77	184460	30.594	ng	99
10) Phenol	6.887	94	384088	39.954	ng	96
11) bis(2-Chloroethyl)ether	7.093	93	281912	35.689	ng	99
12) 1,3-Dichlorobenzene	7.546	146	372303	39.061	ng	99
13) 1,4-Dichlorobenzene	7.693	146	377192	39.347	ng	99
14) 1,2-Dichlorobenzene	8.005	146	361042	38.651	ng	100
15) Benzyl Alcohol	7.905	79	282068	39.852	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	330220	34.907	ng	99
17) 2-Methylphenol	8.116	107	274999	39.885	ng	98
18) Hexachloroethane	8.716	117	139528	37.982	ng	97
19) n-Nitroso-di-n-propyla...	8.457	70	215124	33.390	ng	96
20) 3+4-Methylphenols	8.446	107	363562	38.764	ng	96
22) Acetophenone	8.475	105	480484	38.873	ng	# 100
24) Nitrobenzene	8.846	77	325420	37.759	ng	96
25) Isophorone	9.369	82	610351	35.928	ng	98
26) 2-Nitrophenol	9.551	139	184377	43.659	ng	96
27) 2,4-Dimethylphenol	9.628	122	319643	42.929	ng	100
28) bis(2-Chloroethoxy)met...	9.846	93	377505	37.195	ng	99
29) 2,4-Dichlorophenol	10.104	162	316434	43.856	ng	98
30) 1,2,4-Trichlorobenzene	10.293	180	333960	41.073	ng	97
31) Naphthalene	10.475	128	1011010	39.427	ng	100
32) Benzoic acid	9.804	122	190843	38.557	ng	97
33) 4-Chloroaniline	10.599	127	201537	19.477	ng	99
34) Hexachlorobutadiene	10.757	225	223160	42.367	ng	98
35) Caprolactam	11.393	113	103513	39.652	ng	97
36) 4-Chloro-3-methylphenol	11.746	107	368425	41.871	ng	99
37) 2-Methylnaphthalene	12.087	142	656171	39.519	ng	99
38) 1-Methylnaphthalene	12.310	142	701480	39.485	ng	99
40) 1,2,4,5-Tetrachloroben...	12.457	216	384111	43.465	ng	100
41) Hexachlorocyclopentadiene	12.434	237	477928	89.188	ng	97
43) 2,4,6-Trichlorophenol	12.716	196	265360	46.359	ng	98

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44) 2,4,5-Trichlorophenol	12.804	196	286530	44.970	ng	98
46) 1,1'-Biphenyl	13.110	154	963510	42.836	ng	99
47) 2-Chloronaphthalene	13.151	162	737226	42.986	ng	99
48) 2-Nitroaniline	13.369	65	219663	43.261	ng	96
49) Acenaphthylene	14.004	152	1189545	41.446	ng	100
50) Dimethylphthalate	13.745	163	984006	42.421	ng	100
51) 2,6-Dinitrotoluene	13.869	165	210670	43.004	ng	99
52) Acenaphthene	14.351	154	680659	41.253	ng	100
53) 3-Nitroaniline	14.210	138	131765	26.342	ng	97
54) 2,4-Dinitrophenol	14.428	184	252393	81.567	ng	96
55) Dibenzofuran	14.692	168	1109951	42.175	ng	99
56) 4-Nitrophenol	14.569	139	325725	75.469	ng	97
57) 2,4-Dinitrotoluene	14.669	165	308420	44.656	ng	97
58) Fluorene	15.351	166	910033	42.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	256167	43.340	ng	97
60) Diethylphthalate	15.134	149	974989	41.587	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	455268	42.541	ng	99
62) 4-Nitroaniline	15.392	138	193166	39.994	ng	99
63) Azobenzene	15.645	77	814077	40.590	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	175622	44.261	ng	98
66) n-Nitrosodiphenylamine	15.569	169	803540	42.587	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	318593	44.014	ng	99
68) Hexachlorobenzene	16.381	284	408492	44.412	ng	94
69) Atrazine	16.551	200	307059	44.406	ng	99
70) Pentachlorophenol	16.739	266	510226	98.822	ng	100
71) Phenanthrene	17.128	178	1386666	40.607	ng	99
72) Anthracene	17.222	178	1457149	42.411	ng	100
73) Carbazole	17.504	167	1335342	42.941	ng	100
74) Di-n-butylphthalate	18.086	149	1657780	41.451	ng	99
75) Fluoranthene	19.216	202	1695882	42.484	ng	99
77) Benzidine	19.416	184	723227	38.307	ng	100
78) Pyrene	19.592	202	1760402	42.384	ng	99
80) Butylbenzylphthalate	20.545	149	796147	43.100	ng	96
81) Benzo(a)anthracene	21.492	228	1825211	41.934	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	533711	33.013	ng	100
83) Chrysene	21.569	228	1682550	40.778	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1203178	44.315	ng	99
85) Di-n-octyl phthalate	22.680	149	2017155	45.433	ng	100
87) Indeno(1,2,3-cd)pyrene	28.521	276	2578470	42.681	ng	# 87
88) Benzo(b)fluoranthene	23.757	252	2012992	42.499	ng	98
89) Benzo(k)fluoranthene	23.833	252	2085330	42.726	ng	99
90) Benzo(a)pyrene	24.651	252	1937802	42.598	ng	98
91) Dibenzo(a,h)anthracene	28.592	278	2122778	43.192	ng	98
92) Benzo(g,h,i)perylene	29.668	276	2055756	42.061	ng	98

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

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