

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024755.D
 Acq On : 22 May 2025 12:18
 Operator : RC/JU
 Sample : PB168098BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168098BS

Quant Time: May 22 12:38:48 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	7.652	152	114889	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	451979	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	283120	20.000	ng	-0.02
64) Phenanthrene-d10	17.087	188	568580	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	655197	20.000	ng	0.00
86) Perylene-d12	24.821	264	754804	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	867127	129.090	ng	0.00
7) Phenol-d6	6.858	99	1057180	123.315	ng	0.00
23) Nitrobenzene-d5	8.805	82	651125	72.789	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	680647	141.810	ng	0.00
45) 2-Fluorobiphenyl	12.899	172	1649799	76.344	ng	0.00
79) Terphenyl-d14	19.810	244	2976627	77.900	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.223	88	98847	31.338	ng	98
3) Pyridine	3.617	79	239621	34.261	ng	97
4) n-Nitrosodimethylamine	3.528	42	124929	40.460	ng	94
6) Aniline	6.993	93	218881	19.775	ng	97
8) 2-Chlorophenol	7.234	128	341699	44.810	ng	97
9) Benzaldehyde	6.811	77	190341	34.298	ng	98
10) Phenol	6.881	94	377815	42.699	ng	97
11) bis(2-Chloroethyl)ether	7.087	93	272267	37.447	ng	99
12) 1,3-Dichlorobenzene	7.540	146	357815	40.785	ng	99
13) 1,4-Dichlorobenzene	7.687	146	366569	41.544	ng	100
14) 1,2-Dichlorobenzene	7.999	146	353360	41.098	ng	98
15) Benzyl Alcohol	7.899	79	276507	42.443	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	322660	37.056	ng	98
17) 2-Methylphenol	8.111	107	269118	42.405	ng	99
18) Hexachloroethane	8.716	117	135259	40.002	ng	98
19) n-Nitroso-di-n-propyla...	8.452	70	213658	36.029	ng	98
20) 3+4-Methylphenols	8.440	107	358510	41.529	ng	99
22) Acetophenone	8.469	105	469924	41.622	ng	# 99
24) Nitrobenzene	8.846	77	325051	41.292	ng	95
25) Isophorone	9.363	82	601615	38.772	ng	98
26) 2-Nitrophenol	9.546	139	182128	47.215	ng	99
27) 2,4-Dimethylphenol	9.622	122	307524	45.217	ng	99
28) bis(2-Chloroethoxy)met...	9.840	93	366188	39.501	ng	99
29) 2,4-Dichlorophenol	10.093	162	308337	46.784	ng	97
30) 1,2,4-Trichlorobenzene	10.287	180	324103	43.639	ng	98
31) Naphthalene	10.469	128	1006478	42.972	ng	100
32) Benzoic acid	9.799	122	216738m	46.123	ng	
33) 4-Chloroaniline	10.599	127	163881	17.339	ng	99
34) Hexachlorobutadiene	10.752	225	212260	44.118	ng	98
35) Caprolactam	11.393	113	101647	42.629	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	356727	44.385	ng	100
37) 2-Methylnaphthalene	12.087	142	630369	41.565	ng	99
38) 1-Methylnaphthalene	12.304	142	667666	41.145	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	369018	44.885	ng	100
41) Hexachlorocyclopentadiene	12.434	237	401704	80.579	ng	99
43) 2,4,6-Trichlorophenol	12.710	196	254724	47.834	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	275492	46.476	ng	96
46) 1,1'-Biphenyl	13.104	154	898517	42.938	ng	99
47) 2-Chloronaphthalene	13.146	162	691903	43.365	ng	100
48) 2-Nitroaniline	13.363	65	202885	42.950	ng	95
49) Acenaphthylene	14.004	152	1133108	42.437	ng	99
50) Dimethylphthalate	13.740	163	908339	42.093	ng	100
51) 2,6-Dinitrotoluene	13.869	165	199396	43.751	ng	98
52) Acenaphthene	14.351	154	646760	42.134	ng	99
53) 3-Nitroaniline	14.210	138	95294	20.478	ng	98
54) 2,4-Dinitrophenol	14.422	184	262431	90.411	ng	98
55) Dibenzofuran	14.687	168	1059440	43.271	ng	99
56) 4-Nitrophenol	14.569	139	313522	77.936	ng	97
57) 2,4-Dinitrotoluene	14.669	165	298529	46.462	ng	96
58) Fluorene	15.351	166	879435	44.051	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	251432	45.726	ng	97
60) Diethylphthalate	15.128	149	949347	43.527	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	437310	43.923	ng	97
62) 4-Nitroaniline	15.398	138	208254m	46.348	ng	
63) Azobenzene	15.640	77	764105	40.952	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	172573	46.989	ng	97
66) n-Nitrosodiphenylamine	15.563	169	767455	43.944	ng	98
67) 4-Bromophenyl-phenylether	16.263	248	306650	45.770	ng	96
68) Hexachlorobenzene	16.381	284	387062	45.465	ng	97
69) Atrazine	16.551	200	296861	46.383	ng	98
70) Pentachlorophenol	16.739	266	505930	105.866	ng	98
71) Phenanthrene	17.128	178	1366718	43.239	ng	100
72) Anthracene	17.222	178	1415016	44.495	ng	100
73) Carbazole	17.510	167	1309469	45.494	ng	99
74) Di-n-butylphthalate	18.092	149	1657555	44.777	ng	99
75) Fluoranthene	19.216	202	1698716	45.976	ng	99
77) Benzidine	19.422	184	600097	33.628	ng	100
78) Pyrene	19.598	202	1745500	44.462	ng	100
80) Butylbenzylphthalate	20.551	149	804165	46.059	ng	94
81) Benzo(a)anthracene	21.504	228	1807550	43.936	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	478160	31.292	ng	100
83) Chrysene	21.569	228	1721196	44.134	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1135308	44.240	ng	99
85) Di-n-octyl phthalate	22.686	149	1942063	46.278	ng	99
87) Indeno(1,2,3-cd)pyrene	28.545	276	2517163	45.679	ng	# 91
88) Benzo(b)fluoranthene	23.769	252	1911502	44.244	ng	99
89) Benzo(k)fluoranthene	23.839	252	1959499	44.015	ng	100
90) Benzo(a)pyrene	24.663	252	1856955	44.753	ng	99
91) Dibenzo(a,h)anthracene	28.609	278	2060035	45.952	ng	98
92) Benzo(g,h,i)perylene	29.703	276	2002260	44.913	ng	98

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

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