

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024827.D
 Acq On : 29 May 2025 13:20
 Operator : RC/JU
 Sample : PB168184BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168184BS

Quant Time: May 29 13:42:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	120501	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	474220	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	296587	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	612399	20.000	ng	0.01
76) Chrysene-d12	21.504	240	735824	20.000	ng	0.01
86) Perylene-d12	24.768	264	908609	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	946734	134.378	ng	0.00
7) Phenol-d6	6.852	99	1142460	127.056	ng	0.00
23) Nitrobenzene-d5	8.799	82	687962	73.300	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	767207	152.587	ng	0.01
45) 2-Fluorobiphenyl	12.887	172	1802669	79.630	ng	0.00
79) Terphenyl-d14	19.804	244	3350797	78.084	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	106249	32.116	ng	99
3) Pyridine	3.611	79	248857	33.924	ng	96
4) n-Nitrosodimethylamine	3.522	42	127156	39.264	ng	92
6) Aniline	6.993	93	280066	24.125	ng	98
8) 2-Chlorophenol	7.222	128	359709	44.975	ng	97
9) Benzaldehyde	6.805	77	178977	30.748	ng	95
10) Phenol	6.875	94	396393	42.712	ng	99
11) bis(2-Chloroethyl)ether	7.081	93	283076	37.120	ng	99
12) 1,3-Dichlorobenzene	7.534	146	383385	41.665	ng	98
13) 1,4-Dichlorobenzene	7.681	146	392972	42.462	ng	99
14) 1,2-Dichlorobenzene	7.993	146	377066	41.812	ng	99
15) Benzyl Alcohol	7.893	79	282584	41.356	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.163	45	331170	36.262	ng	99
17) 2-Methylphenol	8.105	107	283890	42.649	ng	98
18) Hexachloroethane	8.705	117	141419	39.876	ng	97
19) n-Nitroso-di-n-propyla...	8.446	70	219170	35.237	ng	97
20) 3+4-Methylphenols	8.428	107	385398	42.564	ng	98
22) Acetophenone	8.463	105	490249	41.386	ng	99
24) Nitrobenzene	8.840	77	335335	40.600	ng	94
25) Isophorone	9.363	82	628415	38.599	ng	97
26) 2-Nitrophenol	9.546	139	194805	48.133	ng	97
27) 2,4-Dimethylphenol	9.616	122	326531	45.760	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	382961	39.373	ng	99
29) 2,4-Dichlorophenol	10.093	162	328822	47.553	ng	96
30) 1,2,4-Trichlorobenzene	10.281	180	349199	44.813	ng	96
31) Naphthalene	10.469	128	1063462	43.275	ng	100
32) Benzoic acid	9.793	122	224504	45.630	ng	97
33) 4-Chloroaniline	10.593	127	169938	17.137	ng	97
34) Hexachlorobutadiene	10.746	225	224743	44.522	ng	99
35) Caprolactam	11.393	113	114491	45.763	ng	91
36) 4-Chloro-3-methylphenol	11.728	107	370946	43.989	ng	97
37) 2-Methylnaphthalene	12.081	142	675124	42.428	ng	98
38) 1-Methylnaphthalene	12.304	142	710827	41.750	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	390142	45.299	ng	99
41) Hexachlorocyclopentadiene	12.428	237	519284	99.435	ng	98
43) 2,4,6-Trichlorophenol	12.710	196	274857	49.271	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	307502	49.521	ng	96
46) 1,1'-Biphenyl	13.104	154	968300	44.172	ng	99
47) 2-Chloronaphthalene	13.145	162	735714	44.017	ng	99
48) 2-Nitroaniline	13.363	65	212878	43.019	ng	94
49) Acenaphthylene	13.998	152	1219040	43.583	ng	99
50) Dimethylphthalate	13.740	163	970954	42.951	ng	99
51) 2,6-Dinitrotoluene	13.863	165	216123	45.268	ng	95
52) Acenaphthene	14.345	154	694750	43.206	ng	100
53) 3-Nitroaniline	14.204	138	113726	23.329	ng	96
54) 2,4-Dinitrophenol	14.422	184	280591	92.145	ng	93
55) Dibenzofuran	14.687	168	1131647	44.121	ng	98
56) 4-Nitrophenol	14.557	139	338536	80.203	ng	98
57) 2,4-Dinitrotoluene	14.669	165	320678	47.643	ng	96
58) Fluorene	15.345	166	935661	44.739	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.922	232	279475	48.518	ng	96
60) Diethylphthalate	15.116	149	1002820	43.891	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	469109	44.978	ng	97
62) 4-Nitroaniline	15.381	138	228255	48.492	ng	99
63) Azobenzene	15.634	77	793328	40.588	ng	95
65) 4,6-Dinitro-2-methylph...	15.445	198	189294	47.853	ng	98
66) n-Nitrosodiphenylamine	15.557	169	829619	44.104	ng	97
67) 4-Bromophenyl-phenylether	16.245	248	326764	45.282	ng	97
68) Hexachlorobenzene	16.363	284	426852	46.551	ng	96
69) Atrazine	16.539	200	325870	47.272	ng	99
70) Pentachlorophenol	16.728	266	548951	106.649	ng	98
71) Phenanthrene	17.116	178	1468859	43.146	ng	100
72) Anthracene	17.216	178	1552121	45.314	ng	100
73) Carbazole	17.504	167	1439509	46.433	ng	100
74) Di-n-butylphthalate	18.081	149	1784907	44.767	ng	99
75) Fluoranthene	19.210	202	1829753	45.979	ng	99
77) Benzidine	19.416	184	709445	35.400	ng	98
78) Pyrene	19.580	202	1846623	41.884	ng	100
80) Butylbenzylphthalate	20.533	149	899193	45.858	ng	93
81) Benzo(a)anthracene	21.486	228	2053772	44.451	ng	99
82) 3,3'-Dichlorobenzidine	21.410	252	556448	32.425	ng	99
83) Chrysene	21.557	228	1929656	44.057	ng	100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1315201	45.634	ng	99
85) Di-n-octyl phthalate	22.663	149	2369537	50.277	ng	98
87) Indeno(1,2,3-cd)pyrene	28.468	276	2999886	45.224	ng	# 89
88) Benzo(b)fluoranthene	23.745	252	2286762	43.970	ng	99
89) Benzo(k)fluoranthene	23.816	252	2315195	43.202	ng	99
90) Benzo(a)pyrene	24.621	252	2233888	44.724	ng	99
91) Dibenzo(a,h)anthracene	28.539	278	2462932	45.640	ng	99
92) Benzo(g,h,i)perylene	29.633	276	2397579	44.677	ng	98

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

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