

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050225\
 Data File : BP024508.D
 Acq On : 02 May 2025 14:15
 Operator : RC/JU
 Sample : Q1916-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-12MS

Quant Time: May 02 14:50:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	128439	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	529811	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	334311	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	712767	20.000	ng	# 0.01
76) Chrysene-d12	21.598	240	846362	20.000	ng	# 0.00
86) Perylene-d12	24.951	264	975437	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	612411	78.839	ng	-0.01
7) Phenol-d6	6.899	99	846823	79.615	ng	-0.01
23) Nitrobenzene-d5	8.857	82	455580	49.032	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	482553	104.327	ng	0.01
45) 2-Fluorobiphenyl	12.951	172	1018808	46.660	ng	-0.01
79) Terphenyl-d14	19.892	244	2321094	55.278	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	123801	37.679	ng	# 95
3) Pyridine	3.669	79	319728	36.852	ng	91
4) n-Nitrosodimethylamine	3.581	42	141203	49.039	ng	77
6) Aniline	7.046	93	258056	27.151	ng	98
8) 2-Chlorophenol	7.281	128	406357	46.854	ng	99
9) Benzaldehyde	6.858	77	177303	33.698	ng	99
10) Phenol	6.922	94	487017	45.644	ng	91
11) bis(2-Chloroethyl)ether	7.140	93	342455	39.835	ng	100
12) 1,3-Dichlorobenzene	7.599	146	419997	44.983	ng	98
13) 1,4-Dichlorobenzene	7.746	146	425164	44.880	ng	100
14) 1,2-Dichlorobenzene	8.057	146	408717	44.680	ng	99
15) Benzyl Alcohol	7.952	79	348790	50.706	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	388235	41.780	ng	99
17) 2-Methylphenol	8.157	107	334998	48.533	ng	97
18) Hexachloroethane	8.775	117	158058	46.167	ng	96
19) n-Nitroso-di-n-propyla...	8.505	70	270373	41.088	ng	94
20) 3+4-Methylphenols	8.481	107	455971	47.609	ng	98
22) Acetophenone	8.522	105	571686	43.596	ng	96
24) Nitrobenzene	8.899	77	409113	44.509	ng	98
25) Isophorone	9.422	82	772807	45.951	ng	97
26) 2-Nitrophenol	9.604	139	222908	49.555	ng	94
27) 2,4-Dimethylphenol	9.669	122	374778	66.356	ng	99
28) bis(2-Chloroethoxy)met...	9.899	93	472255	41.567	ng	99
29) 2,4-Dichlorophenol	10.140	162	382842	49.713	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	382150	46.315	ng	99
31) Naphthalene	10.534	128	1202312	43.081	ng	99
32) Benzoic acid	9.834	122	304910	46.331	ng	99
33) 4-Chloroaniline	10.646	127	155522	15.824	ng	97
34) Hexachlorobutadiene	10.816	225	242875	50.092	ng	99
35) Caprolactam	11.440	113	138930	48.893	ng	94
36) 4-Chloro-3-methylphenol	11.781	107	442417	49.322	ng	99
37) 2-Methylnaphthalene	12.145	142	771140	39.842	ng	96
38) 1-Methylnaphthalene	12.363	142	821953	43.410	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	443363	48.225	ng	99
41) Hexachlorocyclopentadiene	12.493	237	539891	166.042	ng	97
43) 2,4,6-Trichlorophenol	12.763	196	322491	52.760	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	359833	53.161	ng	99
46) 1,1'-Biphenyl	13.169	154	1117964	45.494	ng	98
47) 2-Chloronaphthalene	13.210	162	853561	46.475	ng	98
48) 2-Nitroaniline	13.416	65	272707	52.935	ng	94
49) Acenaphthylene	14.063	152	1416246	48.978	ng	99
50) Dimethylphthalate	13.804	163	1147782	47.211	ng	100
51) 2,6-Dinitrotoluene	13.922	165	252428	48.896	ng	97
52) Acenaphthene	14.410	154	813997	44.404	ng	100
53) 3-Nitroaniline	14.257	138	125876	23.199	ng	96
54) 2,4-Dinitrophenol	14.475	184	335521	110.333	ng	89
55) Dibenzofuran	14.751	168	1314274	43.861	ng	96
56) 4-Nitrophenol	14.598	139	507642	108.329	ng	88
57) 2,4-Dinitrotoluene	14.722	165	377319	53.579	ng	97
58) Fluorene	15.416	166	1093790	47.153	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.987	232	323599	51.835	ng	99
60) Diethylphthalate	15.192	149	1240925	49.531	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	541432	48.066	ng	98
62) 4-Nitroaniline	15.451	138	277391	48.293	ng	88
63) Azobenzene	15.710	77	1143093	49.641	ng	96
65) 4,6-Dinitro-2-methylph...	15.516	198	218372	48.595	ng	91
66) n-Nitrosodiphenylamine	15.634	169	960523	45.149	ng	99
67) 4-Bromophenyl-phenylether	16.328	248	369530	47.404	ng	97
68) Hexachlorobenzene	16.445	284	460832	49.749	ng	98
69) Atrazine	16.622	200	375911	69.377	ng	97
70) Pentachlorophenol	16.810	266	676598	104.701	ng	99
71) Phenanthrene	17.204	178	1772931	45.596	ng	99
72) Anthracene	17.304	178	1809544	48.286	ng	99
73) Carbazole	17.586	167	1767675	48.275	ng	99
74) Di-n-butylphthalate	18.169	149	2241724	49.140	ng	99
75) Fluoranthene	19.292	202	2247063	48.590	ng	96
77) Benzidine	19.498	184	955611	89.073	ng	99
78) Pyrene	19.663	202	2332238	43.360	ng	99
80) Butylbenzylphthalate	20.622	149	1114965	48.396	ng	95
81) Benzo(a)anthracene	21.580	228	2476060	47.068	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	492762	26.687	ng	99
83) Chrysene	21.651	228	2285952	45.357	ng	99
84) Bis(2-ethylhexyl)phtha...	21.521	149	1642520	48.634	ng	99
85) Di-n-octyl phthalate	22.792	149	2815582	51.280	ng	100
87) Indeno(1,2,3-cd)pyrene	28.780	276	3353925	49.527	ng	97
88) Benzo(b)fluoranthene	23.898	252	2637393	45.108	ng	# 97
89) Benzo(k)fluoranthene	23.968	252	2570121	45.507	ng	# 97
90) Benzo(a)pyrene	24.798	252	2496964	49.509	ng	# 97
91) Dibenzo(a,h)anthracene	28.845	278	2753184	48.981	ng	97
92) Benzo(g,h,i)perylene	29.956	276	2676928	46.789	ng	# 93

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

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