

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024377.D
 Acq On : 22 Apr 2025 13:56
 Operator : RC/JU
 Sample : PB167689BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167689BS

Quant Time: Apr 22 14:15:54 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	7.722	152	273453	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	1074031	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	616298	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1105871	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1129890	20.000	ng	0.01
86) Perylene-d12	24.945	264	1348858	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2251355	136.130	ng	0.00
7) Phenol-d6	6.910	99	2745343	121.231	ng	0.00
23) Nitrobenzene-d5	8.869	82	1686020	89.512	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1153297	135.255	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	3644618	90.546	ng	0.00
79) Terphenyl-d14	19.880	244	4963460	88.544	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	252303	36.067	ng	96
3) Pyridine	3.687	79	669238	36.230	ng	99
4) n-Nitrosodimethylamine	3.593	42	277957	45.341	ng	90
6) Aniline	7.063	93	877105	43.344	ng	98
8) 2-Chlorophenol	7.299	128	830254	44.964	ng	98
9) Benzaldehyde	6.875	77	408096	36.431	ng	98
10) Phenol	6.934	94	985443	43.379	ng	94
11) bis(2-Chloroethyl)ether	7.152	93	758339	41.432	ng	98
12) 1,3-Dichlorobenzene	7.610	146	868397	43.685	ng	99
13) 1,4-Dichlorobenzene	7.757	146	888003	44.027	ng	100
14) 1,2-Dichlorobenzene	8.069	146	845175	43.396	ng	99
15) Benzyl Alcohol	7.963	79	659329	45.021	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	857118	43.324	ng	99
17) 2-Methylphenol	8.163	107	674363	45.889	ng	98
18) Hexachloroethane	8.787	117	330941	45.403	ng	99
19) n-Nitroso-di-n-propyla...	8.522	70	553491	39.507	ng	98
20) 3+4-Methylphenols	8.493	107	887250	43.512	ng	99
22) Acetophenone	8.534	105	1141571	42.944	ng	# 99
24) Nitrobenzene	8.910	77	838925	45.023	ng	99
25) Isophorone	9.434	82	1539939	45.168	ng	99
26) 2-Nitrophenol	9.616	139	428520	46.994	ng	98
27) 2,4-Dimethylphenol	9.681	122	729797	63.740	ng	98
28) bis(2-Chloroethoxy)met...	9.910	93	978751	42.496	ng	99
29) 2,4-Dichlorophenol	10.151	162	716991	45.927	ng	100
30) 1,2,4-Trichlorobenzene	10.357	180	758970	45.375	ng	99
31) Naphthalene	10.545	128	2380570	42.077	ng	100
32) Benzoic acid	9.840	122	502543	37.668	ng	99
33) 4-Chloroaniline	10.651	127	404414	20.298	ng	98
34) Hexachlorobutadiene	10.828	225	468300	47.645	ng	100
35) Caprolactam	11.451	113	224991m	39.059	ng	
36) 4-Chloro-3-methylphenol	11.787	107	776173	42.685	ng	98
37) 2-Methylnaphthalene	12.151	142	1462651	37.278	ng	98
38) 1-Methylnaphthalene	12.375	142	1560607	40.658	ng	99
40) 1,2,4,5-Tetrachloroben...	12.522	216	792156	46.740	ng	# 98
41) Hexachlorocyclopentadiene	12.504	237	1189932	198.515	ng	98
43) 2,4,6-Trichlorophenol	12.775	196	546717	48.519	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	599108	48.013	ng	98
46) 1,1'-Biphenyl	13.169	154	2014318	44.465	ng	99
47) 2-Chloronaphthalene	13.210	162	1544814	45.627	ng	98
48) 2-Nitroaniline	13.422	65	452272	47.622	ng	95
49) Acenaphthylene	14.069	152	2545203	47.747	ng	100
50) Dimethylphthalate	13.810	163	1924444	42.939	ng	100
51) 2,6-Dinitrotoluene	13.922	165	425444	44.703	ng	95
52) Acenaphthene	14.416	154	1464655	43.340	ng	99
53) 3-Nitroaniline	14.257	138	328988	32.890	ng	98
54) 2,4-Dinitrophenol	14.469	184	536380	95.680	ng	96
55) Dibenzofuran	14.757	168	2270901	41.110	ng	98
56) 4-Nitrophenol	14.586	139	769391	89.062	ng	96
57) 2,4-Dinitrotoluene	14.728	165	597944	46.058	ng	100
58) Fluorene	15.416	166	1841968	43.074	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	508781	44.209	ng	98
60) Diethylphthalate	15.186	149	1907738	41.305	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	888765	42.800	ng	98
62) 4-Nitroaniline	15.439	138	453828	42.859	ng	93
63) Azobenzene	15.710	77	1757631	41.404	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	329825	47.306	ng	97
66) n-Nitrosodiphenylamine	15.633	169	1590725	48.193	ng	100
67) 4-Bromophenyl-phenylether	16.328	248	583126	48.213	ng	99
68) Hexachlorobenzene	16.439	284	693731	48.270	ng	97
69) Atrazine	16.616	200	532913	63.391	ng	100
70) Pentachlorophenol	16.804	266	948793	94.631	ng	100
71) Phenanthrene	17.198	178	2748609	45.561	ng	100
72) Anthracene	17.298	178	2792099	48.020	ng	100
73) Carbazole	17.580	167	2572283	45.277	ng	99
74) Di-n-butylphthalate	18.169	149	3157583	44.612	ng	100
75) Fluoranthene	19.292	202	3110667	43.354	ng	99
77) Benzidine	19.492	184	1689935	117.993	ng	99
78) Pyrene	19.669	202	3206398	44.654	ng	99
80) Butylbenzylphthalate	20.610	149	1475186	47.964	ng	100
81) Benzo(a)anthracene	21.580	228	3250449	46.283	ng	100
82) 3,3'-Dichlorobenzidine	21.498	252	838608	34.021	ng	100
83) Chrysene	21.651	228	3022588	44.923	ng	100
84) Bis(2-ethylhexyl)phtha...	21.521	149	2151924	47.728	ng	99
85) Di-n-octyl phthalate	22.798	149	3687587	50.309	ng	100
87) Indeno(1,2,3-cd)pyrene	28.756	276	4548196	48.569	ng	# 93
88) Benzo(b)fluoranthene	23.892	252	3601706	44.547	ng	98
89) Benzo(k)fluoranthene	23.962	252	3494803	44.749	ng	99
90) Benzo(a)pyrene	24.798	252	3468066	49.727	ng	99
91) Dibenzo(a,h)anthracene	28.827	278	3729539	47.983	ng	98
92) Benzo(g,h,i)perylene	29.933	276	3627026	45.845	ng	97

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

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