

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024288.D
 Acq On : 15 Apr 2025 10:36
 Operator : RC/JU
 Sample : PB167571BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167571BS

Quant Time: Apr 15 12:32:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	259716	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1063789	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	644416	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1218324	20.000	ng	-0.02
76) Chrysene-d12	21.622	240	1245628	20.000	ng	0.00
86) Perylene-d12	24.986	264	1446859	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2116267	134.730	ng	0.00
7) Phenol-d6	6.922	99	2666040	123.956	ng	0.00
23) Nitrobenzene-d5	8.881	82	1651998	88.550	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	1140669	127.937	ng	-0.01
45) 2-Fluorobiphenyl	12.975	172	3565479	84.715	ng	0.00
79) Terphenyl-d14	19.892	244	5403216	87.433	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	3.293	88	269475	40.560	ng 97
3) Pyridine	3.687	79	707412	40.323	ng 100
4) n-Nitrosodimethylamine	3.593	42	279775	48.051	ng 93
6) Aniline	7.069	93	582895	30.329	ng 100
8) 2-Chlorophenol	7.305	128	821912	46.867	ng 98
9) Benzaldehyde	6.887	77	320160	30.093	ng 99
10) Phenol	6.946	94	1004723	46.568	ng 97
11) bis(2-Chloroethyl)ether	7.164	93	765389	44.029	ng 98
12) 1,3-Dichlorobenzene	7.622	146	841537	44.573	ng 98
13) 1,4-Dichlorobenzene	7.769	146	856480	44.711	ng 99
14) 1,2-Dichlorobenzene	8.081	146	830239	44.884	ng 99
15) Benzyl Alcohol	7.969	79	642201	46.171	ng 97
16) 2,2'-oxybis(1-Chloropr...	8.252	45	882263	46.954	ng 99
17) 2-Methylphenol	8.175	107	681007	48.792	ng 98
18) Hexachloroethane	8.805	117	322856	46.636	ng 98
19) n-Nitroso-di-n-propyla...	8.534	70	576738	43.344	ng 99
20) 3+4-Methylphenols	8.499	107	913643	47.177	ng 99
22) Acetophenone	8.546	105	1158022	43.982	ng # 98
24) Nitrobenzene	8.922	77	860374	46.619	ng 97
25) Isophorone	9.446	82	1608265	47.626	ng 99
26) 2-Nitrophenol	9.628	139	414124	45.852	ng 98
27) 2,4-Dimethylphenol	9.693	122	758256	66.863	ng 99
28) bis(2-Chloroethoxy)met...	9.922	93	1019206	44.678	ng 99
29) 2,4-Dichlorophenol	10.163	162	719039	46.502	ng 99
30) 1,2,4-Trichlorobenzene	10.369	180	744890	44.962	ng 99
31) Naphthalene	10.558	128	2400513	42.838	ng 100
32) Benzoic acid	9.846	122	521254	39.447	ng 97
33) 4-Chloroaniline	10.669	127	232030	11.758	ng 98
34) Hexachlorobutadiene	10.840	225	443477	45.554	ng 98
35) Caprolactam	11.463	113	237502	41.628	ng 99
36) 4-Chloro-3-methylphenol	11.799	107	811338	45.048	ng 99
37) 2-Methylnaphthalene	12.169	142	1516206	39.015	ng 98
38) 1-Methylnaphthalene	12.393	142	1580722	41.578	ng 100
40) 1,2,4,5-Tetrachloroben...	12.540	216	814243	45.946	ng # 98
41) Hexachlorocyclopentadiene	12.522	237	1201613	191.717	ng 100
43) 2,4,6-Trichlorophenol	12.781	196	565387	47.986	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	616241	47.231	ng	99
46) 1,1'-Biphenyl	13.187	154	2113453	44.618	ng	99
47) 2-Chloronaphthalene	13.228	162	1624770	45.895	ng	99
48) 2-Nitroaniline	13.434	65	489214	49.264	ng	94
49) Acenaphthylene	14.081	152	2694036	48.334	ng	100
50) Dimethylphthalate	13.822	163	2066432	44.095	ng	99
51) 2,6-Dinitrotoluene	13.940	165	447719	44.991	ng	97
52) Acenaphthene	14.428	154	1547704	43.799	ng	100
53) 3-Nitroaniline	14.275	138	190860	18.249	ng	99
54) 2,4-Dinitrophenol	14.481	184	567879	96.878	ng	94
55) Dibenzofuran	14.769	168	2421155	41.918	ng	97
56) 4-Nitrophenol	14.598	139	872194	96.557	ng	93
57) 2,4-Dinitrotoluene	14.740	165	633235	46.648	ng	99
58) Fluorene	15.428	166	1953457	43.688	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	534372	44.407	ng	98
60) Diethylphthalate	15.204	149	2098884	43.461	ng	99
61) 4-Chlorophenyl-phenyle...	15.428	204	956490	44.052	ng	100
62) 4-Nitroaniline	15.457	138	458954	41.452	ng	91
63) Azobenzene	15.728	77	2011424	45.315	ng	99
65) 4,6-Dinitro-2-methylph...	15.516	198	357727	46.573	ng	94
66) n-Nitrosodiphenylamine	15.646	169	1734841	47.707	ng	100
67) 4-Bromophenyl-phenylether	16.340	248	637034	47.809	ng	99
68) Hexachlorobenzene	16.457	284	738729	46.657	ng	98
69) Atrazine	16.628	200	600012	64.785	ng	99
70) Pentachlorophenol	16.810	266	1032992	93.520	ng	99
71) Phenanthrene	17.210	178	3009831	45.286	ng	100
72) Anthracene	17.304	178	3059702	47.766	ng	99
73) Carbazole	17.587	167	2874727	45.930	ng	99
74) Di-n-butylphthalate	18.175	149	3652206	46.837	ng	99
75) Fluoranthene	19.298	202	3489735	44.148	ng	100
77) Benzidine	19.492	184	1098443	69.568	ng	99
78) Pyrene	19.675	202	3597026	45.439	ng	99
80) Butylbenzylphthalate	20.628	149	1696281	50.028	ng	95
81) Benzo(a)anthracene	21.604	228	3660596	47.280	ng	100
82) 3,3'-Dichlorobenzidine	21.522	252	702283	25.843	ng	99
83) Chrysene	21.675	228	3407456	45.938	ng	100
84) Bis(2-ethylhexyl)phtha...	21.545	149	2560024	51.504	ng	99
85) Di-n-octyl phthalate	22.833	149	4289111	53.078	ng	100
87) Indeno(1,2,3-cd)pyrene	28.810	276	4906766m	48.849	ng	
88) Benzo(b)fluoranthene	23.933	252	4030455	46.473	ng	99
89) Benzo(k)fluoranthene	24.004	252	3893229	46.474	ng	99
90) Benzo(a)pyrene	24.845	252	3794930	50.728	ng	100
91) Dibenzo(a,h)anthracene	28.910	278	4050635	48.584	ng	99
92) Benzo(g,h,i)perylene	30.004	276	3956164	46.618	ng	98

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

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