

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092325\
 Data File : BP025829.D
 Acq On : 23 Sep 2025 14:29
 Operator : CG/JU
 Sample : PB169774BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169774BS

Quant Time: Sep 23 14:54:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	241907	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	991516	20.000	ng	0.00
39) Acenaphthene-d10	14.366	164	681683	20.000	ng	-0.01
64) Phenanthrene-d10	17.160	188	1453274	20.000	ng	-0.02
76) Chrysene-d12	21.624	240	1418311	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1138065	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1830257	122.080	ng	0.00
7) Phenol-d6	6.955	99	2366182	118.740	ng	0.00
23) Nitrobenzene-d5	8.896	82	1557808	69.304	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	1018199	119.751	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	3471744	67.812	ng	-0.01
79) Terphenyl-d14	19.901	244	5857684	74.299	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	194181	30.860	ng	99
3) Pyridine	3.702	79	565178	32.620	ng	97
4) n-Nitrosodimethylamine	3.608	42	321046	39.268	ng	100
6) Aniline	7.090	93	837788	30.626	ng	99
8) 2-Chlorophenol	7.331	128	739270	44.949	ng	99
9) Benzaldehyde	6.908	77	190835	15.977	ng	99
10) Phenol	6.978	94	934880	44.492	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	698972	41.404	ng	97
12) 1,3-Dichlorobenzene	7.637	146	755512	40.361	ng	97
13) 1,4-Dichlorobenzene	7.784	146	768201	40.288	ng	98
14) 1,2-Dichlorobenzene	8.096	146	749457	40.459	ng	99
15) Benzyl Alcohol	7.996	79	693124	42.093	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.266	45	1088593	39.431	ng	99
17) 2-Methylphenol	8.207	107	621168	43.847	ng	98
18) Hexachloroethane	8.813	117	292678	40.185	ng	97
19) n-Nitroso-di-n-propyla...	8.549	70	563967	40.576	ng	99
20) 3+4-Methylphenols	8.531	107	843947	42.538	ng	99
22) Acetophenone	8.566	105	1091248	41.184	ng	# 99
24) Nitrobenzene	8.937	77	828000	41.062	ng	98
25) Isophorone	9.460	82	1601081	40.525	ng	99
26) 2-Nitrophenol	9.643	139	405058	45.243	ng	93
27) 2,4-Dimethylphenol	9.713	122	706022	44.952	ng	97
28) bis(2-Chloroethoxy)met...	9.925	93	946822	41.458	ng	99
29) 2,4-Dichlorophenol	10.190	162	716400	45.747	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	734720	41.630	ng	99
31) Naphthalene	10.566	128	2152887	40.269	ng	99
32) Benzoic acid	9.913	122	552842	47.343	ng	98
33) 4-Chloroaniline	10.684	127	563526	25.289	ng	99
34) Hexachlorobutadiene	10.849	225	462758	40.731	ng	99
35) Caprolactam	11.496	113	264114	43.752	ng	96
36) 4-Chloro-3-methylphenol	11.831	107	834826	44.714	ng	97
37) 2-Methylnaphthalene	12.178	142	1412464	41.134	ng	99
38) 1-Methylnaphthalene	12.396	142	1476903	40.333	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	852296	41.260	ng	99
41) Hexachlorocyclopentadiene	12.525	237	823538	73.200	ng	98
43) 2,4,6-Trichlorophenol	12.795	196	606716	44.678	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	667729	44.182	ng	97
46) 1,1'-Biphenyl	13.190	154	2048301	40.937	ng	100
47) 2-Chloronaphthalene	13.237	162	1595487	40.496	ng	99
48) 2-Nitroaniline	13.443	65	589416	44.880	ng	98
49) Acenaphthylene	14.090	152	2691532	41.231	ng	99
50) Dimethylphthalate	13.825	163	2182559	41.937	ng	100
51) 2,6-Dinitrotoluene	13.942	165	490244	44.461	ng	98
52) Acenaphthene	14.437	154	1511693	40.156	ng	99
53) 3-Nitroaniline	14.284	138	410915	35.439	ng	98
54) 2,4-Dinitrophenol	14.495	184	667460	92.312	ng	97
55) Dibenzofuran	14.772	168	2504803	40.824	ng	99
56) 4-Nitrophenol	14.648	139	768428	77.126	ng	97
57) 2,4-Dinitrotoluene	14.748	165	719986	45.882	ng	96
58) Fluorene	15.437	166	1998268	40.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	608441	44.691	ng	98
60) Diethylphthalate	15.207	149	2302476	43.615	ng	99
61) 4-Chlorophenyl-phenyle...	15.425	204	1019460	41.462	ng	97
62) 4-Nitroaniline	15.466	138	551265	46.407	ng	97
63) Azobenzene	15.725	77	2164974	42.413	ng	98
65) 4,6-Dinitro-2-methylph...	15.525	198	454463	47.023	ng	93
66) n-Nitrosodiphenylamine	15.642	169	1855030	41.711	ng	99
67) 4-Bromophenyl-phenylether	16.331	248	670251	41.981	ng	97
68) Hexachlorobenzene	16.460	284	745391	41.866	ng	94
69) Atrazine	16.625	200	712462	41.910	ng	96
70) Pentachlorophenol	16.819	266	976380	83.091	ng	98
71) Phenanthrene	17.207	178	3375172	40.942	ng	99
72) Anthracene	17.307	178	3428247	40.986	ng	100
73) Carbazole	17.583	167	3294726	42.368	ng	99
74) Di-n-butylphthalate	18.166	149	4217646	44.196	ng	100
75) Fluoranthene	19.301	202	4029329	40.754	ng	100
77) Benzidine	19.507	184	1468939	35.955	ng	100
78) Pyrene	19.677	202	4236623	44.767	ng	99
80) Butylbenzylphthalate	20.624	149	2016722	48.602	ng	99
81) Benzo(a)anthracene	21.601	228	4175782	43.005	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	1193425	35.546	ng	99
83) Chrysene	21.671	228	3844315	41.533	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	2895302	47.692	ng	100
85) Di-n-octyl phthalate	22.807	149	5129788	47.503	ng	99
87) Indeno(1,2,3-cd)pyrene	28.824	276	3400109	41.083	ng	# 83
88) Benzo(b)fluoranthene	23.918	252	3464231	49.777	ng	98
89) Benzo(k)fluoranthene	23.989	252	3538734	49.829	ng	99
90) Benzo(a)pyrene	24.824	252	3124450	45.844	ng	99
91) Dibenzo(a,h)anthracene	28.901	278	2858622	42.208	ng	98
92) Benzo(g,h,i)perylene	30.000	276	2762595	41.477	ng	99

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

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