

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093025\
 Data File : BP025897.D
 Acq On : 30 Sep 2025 18:52
 Operator : CG/JU
 Sample : PB169893BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169893BS

Quant Time: Sep 30 19:12:47 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	7.743	152	124518	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	504483	20.000	ng	-0.02
39) Acenaphthene-d10	14.360	164	352737	20.000	ng	-0.02
64) Phenanthrene-d10	17.154	188	750935	20.000	ng	-0.03
76) Chrysene-d12	21.607	240	792375	20.000	ng	-0.04
86) Perylene-d12	24.954	264	869458	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1176158	152.411	ng	0.00
7) Phenol-d6	6.943	99	1525605	148.733	ng	0.00
23) Nitrobenzene-d5	8.884	82	942232	82.387	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	771010	175.242	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	2281102	86.107	ng	-0.02
79) Terphenyl-d14	19.883	244	4105113	93.201	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	116782	36.056	ng	95
3) Pyridine	3.696	79	332555	37.289	ng	93
4) n-Nitrosodimethylamine	3.608	42	160011	38.023	ng	80
6) Aniline	7.084	93	557487	39.592	ng	99
8) 2-Chlorophenol	7.325	128	432738	51.116	ng	96
9) Benzaldehyde	6.896	77	226233	36.798	ng	97
10) Phenol	6.972	94	547758	50.644	ng	96
11) bis(2-Chloroethyl)ether	7.172	93	400002	46.032	ng	95
12) 1,3-Dichlorobenzene	7.631	146	448742	46.573	ng	96
13) 1,4-Dichlorobenzene	7.772	146	458400	46.705	ng	99
14) 1,2-Dichlorobenzene	8.090	146	440223	46.170	ng	99
15) Benzyl Alcohol	7.990	79	410049	48.378	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.255	45	569437	40.071	ng	96
17) 2-Methylphenol	8.196	107	369976	50.737	ng	99
18) Hexachloroethane	8.802	117	169977	45.340	ng	98
19) n-Nitroso-di-n-propyla...	8.537	70	321411	44.926	ng	93
20) 3+4-Methylphenols	8.519	107	507316	49.677	ng	98
22) Acetophenone	8.555	105	709868	52.654	ng	# 97
24) Nitrobenzene	8.931	77	476133	46.407	ng	96
25) Isophorone	9.449	82	910721	45.305	ng	99
26) 2-Nitrophenol	9.631	139	242681	53.276	ng	89
27) 2,4-Dimethylphenol	9.702	122	413653	51.763	ng	99
28) bis(2-Chloroethoxy)met...	9.919	93	556913	47.928	ng	99
29) 2,4-Dichlorophenol	10.184	162	435362	54.640	ng	98
30) 1,2,4-Trichlorobenzene	10.372	180	442474	49.275	ng	100
31) Naphthalene	10.560	128	1282763	47.157	ng	100
32) Benzoic acid	9.902	122	367556	61.863	ng	94
33) 4-Chloroaniline	10.678	127	367101	32.378	ng	98
34) Hexachlorobutadiene	10.843	225	291036	50.347	ng	99
35) Caprolactam	11.490	113	155760	50.712	ng	# 87
36) 4-Chloro-3-methylphenol	11.819	107	499861	52.620	ng	97
37) 2-Methylnaphthalene	12.172	142	854003	48.880	ng	98
38) 1-Methylnaphthalene	12.390	142	872620	46.837	ng	100
40) 1,2,4,5-Tetrachloroben...	12.543	216	584518	54.685	ng	99
41) Hexachlorocyclopentadiene	12.519	237	509032	87.439	ng	99
43) 2,4,6-Trichlorophenol	12.796	196	379591	54.020	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	420836	53.813	ng	97
46) 1,1'-Biphenyl	13.190	154	1373906	53.065	ng	98
47) 2-Chloronaphthalene	13.231	162	963472	47.260	ng	99
48) 2-Nitroaniline	13.443	65	326752	48.082	ng	96
49) Acenaphthylene	14.078	152	1662644	49.222	ng	100
50) Dimethylphthalate	13.813	163	1323593	49.149	ng	100
51) 2,6-Dinitrotoluene	13.943	165	296540	51.974	ng	90
52) Acenaphthene	14.425	154	922567	47.360	ng	99
53) 3-Nitroaniline	14.278	138	229289	38.215	ng	98
54) 2,4-Dinitrophenol	14.507	184	365794	97.484	ng	95
55) Dibenzofuran	14.766	168	1532321	48.265	ng	98
56) 4-Nitrophenol	14.637	139	456287	87.844	ng	92
57) 2,4-Dinitrotoluene	14.743	165	430660	53.038	ng	90
58) Fluorene	15.419	166	1239584	49.101	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.007	232	378591	53.741	ng	95
60) Diethylphthalate	15.195	149	1375071	50.338	ng	99
61) 4-Chlorophenyl-phenyle...	15.413	204	646042	50.777	ng	97
62) 4-Nitroaniline	15.460	138	320371	52.121	ng	94
63) Azobenzene	15.719	77	1223498	46.321	ng	95
65) 4,6-Dinitro-2-methylph...	15.525	198	262384	52.540	ng	87
66) n-Nitrosodiphenylamine	15.642	169	1121729	48.812	ng	99
67) 4-Bromophenyl-phenylether	16.331	248	425899	51.626	ng	97
68) Hexachlorobenzene	16.454	284	488873	53.140	ng	# 91
69) Atrazine	16.619	200	460571	52.432	ng	95
70) Pentachlorophenol	16.819	266	620920	102.262	ng	99
71) Phenanthrene	17.207	178	2066316	48.508	ng	99
72) Anthracene	17.301	178	2090668	48.372	ng	99
73) Carbazole	17.584	167	1976903	49.199	ng	99
74) Di-n-butylphthalate	18.166	149	2479431	50.282	ng	99
75) Fluoranthene	19.295	202	2504697	49.027	ng	99
77) Benzidine	19.495	184	1566906	68.650	ng	99
78) Pyrene	19.672	202	2616297	49.484	ng	98
80) Butylbenzylphthalate	20.607	149	1184629	51.101	ng	97
81) Benzo(a)anthracene	21.583	228	2626560	48.418	ng	99
82) 3,3'-Dichlorobenzidine	21.501	252	674977	35.985	ng	99
83) Chrysene	21.660	228	2436266	47.113	ng	100
84) Bis(2-ethylhexyl)phtha...	21.507	149	1676148	49.420	ng	99
85) Di-n-octyl phthalate	22.772	149	3016499	49.999	ng	97
87) Indeno(1,2,3-cd)pyrene	28.759	276	3114156	49.252	ng	# 79
88) Benzo(b)fluoranthene	23.883	252	2594699	48.801	ng	98
89) Benzo(k)fluoranthene	23.954	252	2681439	49.422	ng	98
90) Benzo(a)pyrene	24.783	252	2506067	48.130	ng	99
91) Dibenzo(a,h)anthracene	28.836	278	2578364	49.831	ng	97
92) Benzo(g,h,i)perylene	29.948	276	2484684	48.830	ng	98

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

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