

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
 Data File : BP025775.D
 Acq On : 17 Sep 2025 21:16
 Operator : CG/JU
 Sample : PB169719BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169719BSD

Quant Time: Sep 18 04:25:29 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	7.755	152	164703	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	637233	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	413759	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	845328	20.000	ng	0.00
76) Chrysene-d12	21.630	240	850188	20.000	ng	-0.01
86) Perylene-d12	24.983	264	857103	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1187548	116.341	ng	0.00
7) Phenol-d6	6.943	99	1497740	110.391	ng	0.00
23) Nitrobenzene-d5	8.902	82	1008718	69.826	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	585379	113.428	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2172930	69.926	ng	0.00
79) Terphenyl-d14	19.901	244	3437645	72.740	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.314	88	140155	32.715	ng 99
3) Pyridine	3.708	79	388608	32.942	ng 98
4) n-Nitrosodimethylamine	3.614	42	205369	36.894	ng 98
6) Aniline	7.090	93	488835	26.246	ng 98
8) 2-Chlorophenol	7.331	128	437783	39.095	ng 99
9) Benzaldehyde	6.913	77	242697	29.844	ng 99
10) Phenol	6.972	94	558256	39.022	ng 99
11) bis(2-Chloroethyl)ether	7.184	93	437619	38.074	ng 98
12) 1,3-Dichlorobenzene	7.649	146	481264	37.762	ng 98
13) 1,4-Dichlorobenzene	7.790	146	493735	38.032	ng 99
14) 1,2-Dichlorobenzene	8.102	146	473440	37.539	ng 98
15) Benzyl Alcohol	7.996	79	399861	35.666	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	695251	36.988	ng 100
17) 2-Methylphenol	8.202	107	367765	38.129	ng 99
18) Hexachloroethane	8.819	117	188643	38.042	ng 98
19) n-Nitroso-di-n-propyla...	8.549	70	344161	36.369	ng 99
20) 3+4-Methylphenols	8.525	107	497913	36.860	ng 99
22) Acetophenone	8.566	105	694903	40.806	ng 99
24) Nitrobenzene	8.943	77	503635	38.862	ng 98
25) Isophorone	9.466	82	935933	36.860	ng 99
26) 2-Nitrophenol	9.649	139	232236	40.362	ng 94
27) 2,4-Dimethylphenol	9.713	122	397141	39.343	ng 99
28) bis(2-Chloroethoxy)met...	9.937	93	561954	38.287	ng 99
29) 2,4-Dichlorophenol	10.184	162	406578	40.397	ng 98
30) 1,2,4-Trichlorobenzene	10.390	180	442026	38.970	ng 99
31) Naphthalene	10.572	128	1308580	38.084	ng 99
32) Benzoic acid	9.878	122	310336	41.351	ng 96
33) 4-Chloroaniline	10.684	127	288398	20.138	ng 99
34) Hexachlorobutadiene	10.860	225	282532	38.694	ng 99
35) Caprolactam	11.478	113	142021	36.606	ng 98
36) 4-Chloro-3-methylphenol	11.819	107	464577	38.718	ng 97
37) 2-Methylnaphthalene	12.184	142	830855	37.648	ng 98
38) 1-Methylnaphthalene	12.401	142	874135	37.144	ng 100
40) 1,2,4,5-Tetrachloroben...	12.548	216	519332	41.421	ng 99
41) Hexachlorocyclopentadiene	12.531	237	525022	76.885	ng 99
43) 2,4,6-Trichlorophenol	12.801	196	336607	40.838	ng 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	363764	39.655	ng	99
46) 1,1'-Biphenyl	13.201	154	1256026	41.357	ng	99
47) 2-Chloronaphthalene	13.243	162	927183	38.773	ng	98
48) 2-Nitroaniline	13.448	65	320953	40.263	ng	98
49) Acenaphthylene	14.090	152	1573291	39.708	ng	100
50) Dimethylphthalate	13.831	163	1223345	38.727	ng	99
51) 2,6-Dinitrotoluene	13.948	165	264565	39.531	ng	99
52) Acenaphthene	14.437	154	878336	38.440	ng	100
53) 3-Nitroaniline	14.290	138	193474	27.490	ng	95
54) 2,4-Dinitrophenol	14.507	184	319344	73.787	ng	99
55) Dibenzofuran	14.778	168	1425642	38.282	ng	99
56) 4-Nitrophenol	14.625	139	437941	72.692	ng	97
57) 2,4-Dinitrotoluene	14.748	165	385720	40.497	ng	98
58) Fluorene	15.442	166	1127137	38.062	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	326930	39.563	ng	100
60) Diethylphthalate	15.213	149	1245832	38.880	ng	100
61) 4-Chlorophenyl-phenyle...	15.431	204	566110	37.932	ng	99
62) 4-Nitroaniline	15.466	138	283646	39.340	ng	98
63) Azobenzene	15.731	77	1190017	38.409	ng	99
65) 4,6-Dinitro-2-methylph...	15.531	198	227000	40.379	ng	94
66) n-Nitrosodiphenylamine	15.660	169	1035040	40.011	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	370443	39.890	ng	99
68) Hexachlorobenzene	16.466	284	398949	38.523	ng	98
69) Atrazine	16.636	200	394105	39.855	ng	98
70) Pentachlorophenol	16.825	266	544904	79.722	ng	99
71) Phenanthrene	17.225	178	1871116	39.021	ng	100
72) Anthracene	17.319	178	1900966	39.072	ng	100
73) Carbazole	17.601	167	1782815	39.414	ng	99
74) Di-n-butylphthalate	18.183	149	2172820	39.143	ng	100
75) Fluoranthene	19.313	202	2258488	39.271	ng	100
77) Benzidine	19.507	184	844260	34.474	ng	99
78) Pyrene	19.689	202	2341307	41.272	ng	99
80) Butylbenzylphthalate	20.630	149	1046003	42.053	ng	98
81) Benzo(a)anthracene	21.601	228	2337622	40.162	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	556223	27.637	ng	98
83) Chrysene	21.677	228	2189029	39.453	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1492610	41.016	ng	100
85) Di-n-octyl phthalate	22.813	149	2538713	39.218	ng	99
87) Indeno(1,2,3-cd)pyrene	28.818	276	2655840	42.609	ng	# 76
88) Benzo(b)fluoranthene	23.913	252	2187404	41.733	ng	99
89) Benzo(k)fluoranthene	23.977	252	2274107	42.519	ng	100
90) Benzo(a)pyrene	24.812	252	2087891	40.677	ng	99
91) Dibenzo(a,h)anthracene	28.883	278	2174745	42.636	ng	99
92) Benzo(g,h,i)perylene	30.006	276	2173956	43.339	ng	99

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

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