

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025737.D
 Acq On : 12 Sep 2025 10:24
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 12 11:25:26 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	7.760	152	152908	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	638539	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	436277	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	915338	20.000	ng	0.00
76) Chrysene-d12	21.624	240	978017	20.000	ng	-0.02
86) Perylene-d12	24.983	264	1043188	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	832452	87.844	ng	0.00
7) Phenol-d6	6.949	99	1127357	89.501	ng	0.00
23) Nitrobenzene-d5	8.902	82	1262885	87.241	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	477077	87.671	ng	-0.01
45) 2-Fluorobiphenyl	12.990	172	2808773	85.723	ng	0.00
79) Terphenyl-d14	19.895	244	4510061	82.959	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	170796	42.942	ng	97
3) Pyridine	3.708	79	472263	43.122	ng	98
4) n-Nitrosodimethylamine	3.614	42	220211	42.612	ng	100
6) Aniline	7.096	93	758613	43.873	ng	99
8) 2-Chlorophenol	7.337	128	458534	44.106	ng	99
9) Benzaldehyde	6.913	77	267052	35.372	ng	99
10) Phenol	6.972	94	591987	44.572	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	463152	43.403	ng	98
12) 1,3-Dichlorobenzene	7.649	146	509086	43.026	ng	98
13) 1,4-Dichlorobenzene	7.796	146	514770	42.711	ng	99
14) 1,2-Dichlorobenzene	8.107	146	503663	43.016	ng	99
15) Benzyl Alcohol	8.002	79	454568	43.673	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.272	45	761051	43.612	ng	99
17) 2-Methylphenol	8.207	107	408332	45.600	ng	99
18) Hexachloroethane	8.825	117	194720	42.297	ng	97
19) n-Nitroso-di-n-propyla...	8.555	70	399345	45.455	ng	99
20) 3+4-Methylphenols	8.531	107	550618	43.906	ng	98
22) Acetophenone	8.572	105	749016	43.894	ng	99
24) Nitrobenzene	8.943	77	572508	44.086	ng	99
25) Isophorone	9.472	82	1106945	43.506	ng	99
26) 2-Nitrophenol	9.649	139	260394	45.163	ng	97
27) 2,4-Dimethylphenol	9.713	122	457056	45.186	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	647987	44.058	ng	98
29) 2,4-Dichlorophenol	10.190	162	455135	45.130	ng	99
30) 1,2,4-Trichlorobenzene	10.396	180	491017	43.201	ng	99
31) Naphthalene	10.572	128	1488553	43.234	ng	99
32) Benzoic acid	9.884	122	332711	44.242	ng	99
33) 4-Chloroaniline	10.690	127	660110	45.998	ng	99
34) Hexachlorobutadiene	10.854	225	313794	42.887	ng	100
35) Caprolactam	11.484	113	168196	43.264	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	531795	44.229	ng	97
37) 2-Methylnaphthalene	12.184	142	951767	43.039	ng	99
38) 1-Methylnaphthalene	12.407	142	1011741	42.903	ng	99
40) 1,2,4,5-Tetrachloroben...	12.554	216	575047	43.497	ng	100
41) Hexachlorocyclopentadiene	12.531	237	321940	44.712	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	391657	45.065	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	429720	44.427	ng	96
46) 1,1'-Biphenyl	13.195	154	1386727	43.304	ng	100
47) 2-Chloronaphthalene	13.243	162	1100333	43.638	ng	98
48) 2-Nitroaniline	13.454	65	380845	45.310	ng	95
49) Acenaphthylene	14.095	152	1819069	43.541	ng	100
50) Dimethylphthalate	13.837	163	1428703	42.893	ng	100
51) 2,6-Dinitrotoluene	13.942	165	314832	44.614	ng	96
52) Acenaphthene	14.442	154	1032684	42.862	ng	100
53) 3-Nitroaniline	14.284	138	347562	46.836	ng	100
54) 2,4-Dinitrophenol	14.501	184	186524	43.026	ng	96
55) Dibenzofuran	14.784	168	1680581	42.798	ng	99
56) 4-Nitrophenol	14.619	139	268637	44.163	ng	98
57) 2,4-Dinitrotoluene	14.748	165	456859	45.490	ng	98
58) Fluorene	15.442	166	1345271	43.084	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	387842	44.512	ng	99
60) Diethylphthalate	15.219	149	1457490	43.138	ng	99
61) 4-Chlorophenyl-phenyle...	15.431	204	672880	42.760	ng	100
62) 4-Nitroaniline	15.466	138	355819	46.803	ng	100
63) Azobenzene	15.736	77	1425577	43.637	ng	100
65) 4,6-Dinitro-2-methylph...	15.537	198	281561	46.254	ng	91
66) n-Nitrosodiphenylamine	15.660	169	1188685	42.435	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	430095	42.771	ng	100
68) Hexachlorobenzene	16.472	284	484068	43.167	ng	93
69) Atrazine	16.636	200	464196	43.353	ng	96
70) Pentachlorophenol	16.825	266	327478	44.247	ng	99
71) Phenanthrene	17.225	178	2204852	42.464	ng	100
72) Anthracene	17.313	178	2268797	43.065	ng	99
73) Carbazole	17.589	167	2132684	43.543	ng	100
74) Di-n-butylphthalate	18.178	149	2622944	43.638	ng	100
75) Fluoranthene	19.307	202	2672005	42.908	ng	100
77) Benzidine	19.495	184	1280495	45.453	ng	100
78) Pyrene	19.683	202	2771635	42.472	ng	100
80) Butylbenzylphthalate	20.624	149	1280629	44.756	ng	99
81) Benzo(a)anthracene	21.601	228	2851621	42.589	ng	100
82) 3,3'-Dichlorobenzidine	21.519	252	1028842	44.439	ng	99
83) Chrysene	21.671	228	2691494	42.169	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	1837237	43.888	ng	98
85) Di-n-octyl phthalate	22.807	149	3249380	43.636	ng	100
87) Indeno(1,2,3-cd)pyrene	28.801	276	3334194	43.950	ng	# 83
88) Benzo(b)fluoranthene	23.918	252	2865795	44.923	ng	99
89) Benzo(k)fluoranthene	23.989	252	2819824	43.318	ng	100
90) Benzo(a)pyrene	24.830	252	2750502	44.027	ng	98
91) Dibenzo(a,h)anthracene	28.883	278	2722510	43.854	ng	99
92) Benzo(g,h,i)perylene	29.983	276	2677918	43.863	ng	99

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

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