

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
 Data File : BP025913.D
 Acq On : 03 Oct 2025 14:06
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 03 14:28:48 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	7.737	152	221240	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	877022	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	564956	20.000	ng	-0.03
64) Phenanthrene-d10	17.142	188	1167194	20.000	ng	-0.04
76) Chrysene-d12	21.589	240	1213749	20.000	ng	-0.05
86) Perylene-d12	24.936	264	1363483	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1161969	84.745	ng	0.00
7) Phenol-d6	6.943	99	1492541	81.895	ng	0.00
23) Nitrobenzene-d5	8.884	82	1565815	78.755	ng	-0.02
42) 2,4,6-Tribromophenol	15.866	330	642099	91.121	ng	-0.04
45) 2-Fluorobiphenyl	12.960	172	3485490	82.147	ng	-0.03
79) Terphenyl-d14	19.872	244	5500907	81.533	ng	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	223639	38.862	ng	95
3) Pyridine	3.708	79	622143	39.262	ng	93
4) n-Nitrosodimethylamine	3.614	42	258042	34.510	ng	86
6) Aniline	7.078	93	974529	38.953	ng	100
8) 2-Chlorophenol	7.319	128	621284	41.304	ng	98
9) Benzaldehyde	6.896	77	569755	52.158	ng	95
10) Phenol	6.967	94	778426	40.507	ng	97
11) bis(2-Chloroethyl)ether	7.167	93	604191	39.133	ng	97
12) 1,3-Dichlorobenzene	7.631	146	694548	40.571	ng	97
13) 1,4-Dichlorobenzene	7.772	146	699637	40.120	ng	99
14) 1,2-Dichlorobenzene	8.084	146	669273	39.506	ng	100
15) Benzyl Alcohol	7.984	79	584272	38.797	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.255	45	865607	34.283	ng	98
17) 2-Methylphenol	8.190	107	520932	40.207	ng	99
18) Hexachloroethane	8.802	117	265910	39.921	ng	98
19) n-Nitroso-di-n-propyla...	8.537	70	483106	38.005	ng	93
20) 3+4-Methylphenols	8.514	107	699239	38.536	ng	98
22) Acetophenone	8.555	105	951197	40.585	ng	# 96
24) Nitrobenzene	8.925	77	704107	39.476	ng	97
25) Isophorone	9.449	82	1357874	38.856	ng	99
26) 2-Nitrophenol	9.625	139	354825	44.807	ng	91
27) 2,4-Dimethylphenol	9.696	122	565946	40.737	ng	97
28) bis(2-Chloroethoxy)met...	9.913	93	800334	39.619	ng	99
29) 2,4-Dichlorophenol	10.172	162	590295	42.615	ng	98
30) 1,2,4-Trichlorobenzene	10.360	180	644503	41.286	ng	99
31) Naphthalene	10.555	128	1870459	39.553	ng	99
32) Benzoic acid	9.890	122	418878	40.554	ng	97
33) 4-Chloroaniline	10.666	127	815651	41.382	ng	98
34) Hexachlorobutadiene	10.831	225	417030	41.498	ng	99
35) Caprolactam	11.484	113	251077	47.022	ng	# 85
36) 4-Chloro-3-methylphenol	11.807	107	663313	40.166	ng	96
37) 2-Methylnaphthalene	12.160	142	1205732	39.697	ng	98
38) 1-Methylnaphthalene	12.378	142	1263068	38.996	ng	100
40) 1,2,4,5-Tetrachloroben...	12.531	216	740277	43.241	ng	98
41) Hexachlorocyclopentadiene	12.502	237	342341	36.716	ng	99
43) 2,4,6-Trichlorophenol	12.784	196	492349	43.747	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	547089	43.678	ng	96
46) 1,1'-Biphenyl	13.172	154	1687729	40.699	ng	98
47) 2-Chloronaphthalene	13.219	162	1327799	40.665	ng	99
48) 2-Nitroaniline	13.431	65	443255	40.724	ng	94
49) Acenaphthylene	14.066	152	2187338	40.431	ng	100
50) Dimethylphthalate	13.801	163	1703502	39.495	ng	100
51) 2,6-Dinitrotoluene	13.925	165	382913	41.902	ng	93
52) Acenaphthene	14.413	154	1237822	39.675	ng	100
53) 3-Nitroaniline	14.266	138	409627	42.627	ng	98
54) 2,4-Dinitrophenol	14.490	184	256110	45.330	ng	98
55) Dibenzofuran	14.748	168	2007353	39.477	ng	99
56) 4-Nitrophenol	14.625	139	406524	50.854	ng	92
57) 2,4-Dinitrotoluene	14.725	165	552467	42.481	ng	92
58) Fluorene	15.407	166	1596256	39.478	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.990	232	481876	42.708	ng	96
60) Diethylphthalate	15.178	149	1732128	39.590	ng	99
61) 4-Chlorophenyl-phenyle...	15.401	204	830484	40.754	ng	98
62) 4-Nitroaniline	15.448	138	432982	43.981	ng	97
63) Azobenzene	15.701	77	1609439	38.044	ng	95
65) 4,6-Dinitro-2-methylph...	15.513	198	352947	45.470	ng	89
66) n-Nitrosodiphenylamine	15.625	169	1451581	40.639	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	537630	41.928	ng	99
68) Hexachlorobenzene	16.437	284	601360	42.055	ng	94
69) Atrazine	16.595	200	552486	40.465	ng	97
70) Pentachlorophenol	16.801	266	394605	41.812	ng	99
71) Phenanthrene	17.184	178	2576401	38.913	ng	99
72) Anthracene	17.278	178	2656530	39.544	ng	99
73) Carbazole	17.560	167	2477166	39.663	ng	100
74) Di-n-butylphthalate	18.142	149	3102816	40.483	ng	99
75) Fluoranthene	19.278	202	3119658	39.287	ng	99
77) Benzidine	19.472	184	1529593	43.750	ng	99
78) Pyrene	19.654	202	3225829	39.831	ng	99
80) Butylbenzylphthalate	20.595	149	1442241	40.615	ng	99
81) Benzo(a)anthracene	21.572	228	3299286	39.705	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	1218630	42.414	ng	100
83) Chrysene	21.642	228	3088324	38.989	ng	100
84) Bis(2-ethylhexyl)phtha...	21.501	149	2046417	39.390	ng	99
85) Di-n-octyl phthalate	22.766	149	3629499	39.274	ng	97
87) Indeno(1,2,3-cd)pyrene	28.759	276	4058207	40.928	ng	# 85
88) Benzo(b)fluoranthene	23.883	252	3256367	39.055	ng	99
89) Benzo(k)fluoranthene	23.954	252	3315815	38.971	ng	99
90) Benzo(a)pyrene	24.771	252	3212935	39.348	ng	99
91) Dibenzo(a,h)anthracene	28.812	278	3349616	41.281	ng	99
92) Benzo(g,h,i)perylene	29.930	276	3257844	40.826	ng	97

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

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