

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
 Data File : BP025754.D
 Acq On : 15 Sep 2025 16:29
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Sep 15 17:29:02 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	189610	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	760551	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	507651	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	1026762	20.000	ng	-0.01
76) Chrysene-d12	21.613	240	1102511	20.000	ng	-0.03
86) Perylene-d12	24.971	264	1243700	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1037513	88.291	ng	0.00
7) Phenol-d6	6.937	99	1360038	87.074	ng	-0.01
23) Nitrobenzene-d5	8.896	82	1501166	87.066	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	543841	85.889	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	3178590	83.370	ng	0.00
79) Terphenyl-d14	19.901	244	5070680	82.739	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	209347	42.447	ng	100
3) Pyridine	3.702	79	577688	42.538	ng	99
4) n-Nitrosodimethylamine	3.614	42	277212	43.259	ng	99
6) Aniline	7.090	93	907178	42.310	ng	99
8) 2-Chlorophenol	7.325	128	561317	43.542	ng	99
9) Benzaldehyde	6.902	77	329156	35.159	ng	99
10) Phenol	6.966	94	715772	43.460	ng	99
11) bis(2-Chloroethyl)ether	7.178	93	568071	42.931	ng	99
12) 1,3-Dichlorobenzene	7.643	146	630336	42.962	ng	98
13) 1,4-Dichlorobenzene	7.790	146	641019	42.891	ng	100
14) 1,2-Dichlorobenzene	8.102	146	617080	42.501	ng	100
15) Benzyl Alcohol	7.990	79	551113	42.700	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	945189	43.679	ng	99
17) 2-Methylphenol	8.196	107	482844	43.484	ng	99
18) Hexachloroethane	8.819	117	247323	43.324	ng	97
19) n-Nitroso-di-n-propyla...	8.549	70	469591	43.105	ng	99
20) 3+4-Methylphenols	8.519	107	647377	41.630	ng	99
22) Acetophenone	8.566	105	889214	43.750	ng	99
24) Nitrobenzene	8.943	77	679773	43.948	ng	99
25) Isophorone	9.466	82	1305160	43.067	ng	100
26) 2-Nitrophenol	9.643	139	313801	45.695	ng	96
27) 2,4-Dimethylphenol	9.707	122	544260	45.176	ng	100
28) bis(2-Chloroethoxy)met...	9.931	93	776361	44.318	ng	99
29) 2,4-Dichlorophenol	10.184	162	538965	44.868	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	590077	43.588	ng	100
31) Naphthalene	10.572	128	1768319	43.120	ng	100
32) Benzoic acid	9.878	122	413542m	46.169	ng	
33) 4-Chloroaniline	10.678	127	769015	44.990	ng	98
34) Hexachlorobutadiene	10.854	225	382231	43.860	ng	99
35) Caprolactam	11.478	113	190858	41.218	ng	98
36) 4-Chloro-3-methylphenol	11.813	107	617720	43.133	ng	96
37) 2-Methylnaphthalene	12.178	142	1123403	42.651	ng	99
38) 1-Methylnaphthalene	12.395	142	1202896	42.826	ng	100
40) 1,2,4,5-Tetrachloroben...	12.543	216	678832	44.128	ng	99
41) Hexachlorocyclopentadiene	12.525	237	391913	46.777	ng	100
43) 2,4,6-Trichlorophenol	12.790	196	459870	45.474	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	500555	44.474	ng	99
46) 1,1'-Biphenyl	13.190	154	1618843	43.445	ng	100
47) 2-Chloronaphthalene	13.231	162	1259558	42.930	ng	100
48) 2-Nitroaniline	13.442	65	438169	44.801	ng	98
49) Acenaphthylene	14.089	152	2072766	42.638	ng	100
50) Dimethylphthalate	13.825	163	1670052	43.090	ng	100
51) 2,6-Dinitrotoluene	13.942	165	360746	43.933	ng	99
52) Acenaphthene	14.437	154	1175548	41.932	ng	100
53) 3-Nitroaniline	14.278	138	386438	44.753	ng	99
54) 2,4-Dinitrophenol	14.495	184	213407	42.386	ng	99
55) Dibenzofuran	14.772	168	1938801	42.432	ng	99
56) 4-Nitrophenol	14.607	139	305469	43.260	ng	97
57) 2,4-Dinitrotoluene	14.742	165	515507	44.113	ng	98
58) Fluorene	15.436	166	1508154	41.509	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.007	232	445410	43.932	ng	99
60) Diethylphthalate	15.207	149	1697167	43.170	ng	100
61) 4-Chlorophenyl-phenyle...	15.425	204	762438	41.639	ng	98
62) 4-Nitroaniline	15.460	138	410329	46.385	ng	98
63) Azobenzene	15.731	77	1627169	42.805	ng	100
65) 4,6-Dinitro-2-methylph...	15.519	198	314641	46.079	ng	96
66) n-Nitrosodiphenylamine	15.648	169	1382048	43.984	ng	99
67) 4-Bromophenyl-phenylether	16.342	248	497948	44.145	ng	99
68) Hexachlorobenzene	16.466	284	540076	42.935	ng	95
69) Atrazine	16.625	200	535234	44.563	ng	98
70) Pentachlorophenol	16.819	266	362322	43.642	ng	98
71) Phenanthrene	17.213	178	2468209	42.377	ng	99
72) Anthracene	17.307	178	2548460	43.124	ng	99
73) Carbazole	17.589	167	2415760	43.970	ng	100
74) Di-n-butylphthalate	18.183	149	3145245	46.649	ng	99
75) Fluoranthene	19.301	202	3043221	43.566	ng	100
77) Benzidine	19.495	184	1477813	46.533	ng	100
78) Pyrene	19.677	202	3143828	42.735	ng	99
80) Butylbenzylphthalate	20.624	149	1521119	47.158	ng	99
81) Benzo(a)anthracene	21.595	228	3315888	43.931	ng	100
82) 3,3'-Dichlorobenzidine	21.519	252	1171046	44.870	ng	99
83) Chrysene	21.660	228	3137844	43.611	ng	100
84) Bis(2-ethylhexyl)phtha...	21.530	149	2222037	47.086	ng	99
85) Di-n-octyl phthalate	22.807	149	3979430	47.406	ng	100
87) Indeno(1,2,3-cd)pyrene	28.795	276	3938038	43.541	ng	# 89
88) Benzo(b)fluoranthene	23.918	252	3428564	45.080	ng	99
89) Benzo(k)fluoranthene	23.989	252	3302946	42.559	ng	99
90) Benzo(a)pyrene	24.818	252	3229559	43.361	ng	99
91) Dibenzo(a,h)anthracene	28.883	278	3241984	43.803	ng	98
92) Benzo(g,h,i)perylene	29.995	276	3162493	43.448	ng	99

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

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