

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093025\
 Data File : BP025892.D
 Acq On : 30 Sep 2025 15:26
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 30 15:48:06 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	161338	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	638191	20.000	ng	-0.02
39) Acenaphthene-d10	14.343	164	423574	20.000	ng	-0.04
64) Phenanthrene-d10	17.148	188	884109	20.000	ng	-0.04
76) Chrysene-d12	21.595	240	926260	20.000	ng	-0.05
86) Perylene-d12	24.924	264	1078932	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	821755	82.184	ng	0.00
7) Phenol-d6	6.943	99	1066168	80.221	ng	0.00
23) Nitrobenzene-d5	8.884	82	1130123	78.113	ng	-0.02
42) 2,4,6-Tribromophenol	15.872	330	499050	94.459	ng	-0.04
45) 2-Fluorobiphenyl	12.954	172	2620230	82.367	ng	-0.04
79) Terphenyl-d14	19.872	244	4299452	83.504	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	159033	37.896	ng	93
3) Pyridine	3.702	79	438069	37.910	ng	93
4) n-Nitrosodimethylamine	3.608	42	179749	32.965	ng	86
6) Aniline	7.078	93	695000	38.094	ng	100
8) 2-Chlorophenol	7.319	128	445355	40.600	ng	96
9) Benzaldehyde	6.896	77	399967	50.209	ng	96
10) Phenol	6.967	94	553488	39.495	ng	97
11) bis(2-Chloroethyl)ether	7.167	93	430054	38.196	ng	96
12) 1,3-Dichlorobenzene	7.631	146	499572	40.016	ng	97
13) 1,4-Dichlorobenzene	7.772	146	503704	39.609	ng	100
14) 1,2-Dichlorobenzene	8.084	146	487860	39.489	ng	99
15) Benzyl Alcohol	7.984	79	420081	38.251	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.249	45	605960	32.910	ng	96
17) 2-Methylphenol	8.190	107	372440	39.419	ng	99
18) Hexachloroethane	8.802	117	189906	39.096	ng	95
19) n-Nitroso-di-n-propyla...	8.531	70	350279	37.787	ng	94
20) 3+4-Methylphenols	8.513	107	505124	38.174	ng	96
22) Acetophenone	8.555	105	690775	40.503	ng	# 96
24) Nitrobenzene	8.925	77	506977	39.061	ng	96
25) Isophorone	9.449	82	985316	38.747	ng	98
26) 2-Nitrophenol	9.625	139	254119	44.099	ng	91
27) 2,4-Dimethylphenol	9.696	122	409371	40.494	ng	99
28) bis(2-Chloroethoxy)met...	9.913	93	589151	40.079	ng	99
29) 2,4-Dichlorophenol	10.178	162	429286	42.590	ng	99
30) 1,2,4-Trichlorobenzene	10.366	180	470038	41.378	ng	97
31) Naphthalene	10.549	128	1373775	39.922	ng	99
32) Benzoic acid	9.884	122	313802	41.751	ng	99
33) 4-Chloroaniline	10.666	127	595794	41.539	ng	98
34) Hexachlorobutadiene	10.831	225	311721	42.627	ng	98
35) Caprolactam	11.472	113	190024	48.906	ng	92
36) 4-Chloro-3-methylphenol	11.807	107	490905	40.850	ng	96
37) 2-Methylnaphthalene	12.154	142	875320	39.604	ng	99
38) 1-Methylnaphthalene	12.378	142	915881	38.859	ng	98
40) 1,2,4,5-Tetrachloroben...	12.525	216	553627	43.133	ng	99
41) Hexachlorocyclopentadiene	12.502	237	281230	40.229	ng	99
43) 2,4,6-Trichlorophenol	12.784	196	376169	44.581	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	404220	43.044	ng	96
46) 1,1'-Biphenyl	13.166	154	1249840	40.200	ng	99
47) 2-Chloronaphthalene	13.213	162	991725	40.511	ng	99
48) 2-Nitroaniline	13.431	65	324395	39.752	ng	89
49) Acenaphthylene	14.072	152	1628055	40.138	ng	99
50) Dimethylphthalate	13.807	163	1310663	40.529	ng	99
51) 2,6-Dinitrotoluene	13.925	165	287299	41.933	ng	90
52) Acenaphthene	14.413	154	930360	39.773	ng	99
53) 3-Nitroaniline	14.260	138	304694	42.290	ng	98
54) 2,4-Dinitrophenol	14.496	184	184855	43.819	ng	94
55) Dibenzofuran	14.754	168	1522272	39.929	ng	98
56) 4-Nitrophenol	14.631	139	303978	50.730	ng	92
57) 2,4-Dinitrotoluene	14.725	165	419560	43.029	ng	91
58) Fluorene	15.413	166	1237101	40.808	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.996	232	366391	43.311	ng	94
60) Diethylphthalate	15.184	149	1312285	40.005	ng	99
61) 4-Chlorophenyl-phenyle...	15.401	204	637579	41.731	ng	96
62) 4-Nitroaniline	15.448	138	324733	43.995	ng	94
63) Azobenzene	15.701	77	1179782	37.196	ng	94
65) 4,6-Dinitro-2-methylph...	15.519	198	271234	46.131	ng	84
66) n-Nitrosodiphenylamine	15.625	169	1084380	40.079	ng	100
67) 4-Bromophenyl-phenylether	16.319	248	411929	42.411	ng	97
68) Hexachlorobenzene	16.442	284	475601	43.910	ng	# 90
69) Atrazine	16.607	200	428433	41.426	ng	96
70) Pentachlorophenol	16.801	266	290996	40.707	ng	99
71) Phenanthrene	17.189	178	1986148	39.603	ng	99
72) Anthracene	17.284	178	2051697	40.320	ng	99
73) Carbazole	17.566	167	1912003	40.416	ng	100
74) Di-n-butylphthalate	18.148	149	2316400	39.900	ng	100
75) Fluoranthene	19.284	202	2413492	40.126	ng	98
77) Benzidine	19.478	184	1172096	43.930	ng	100
78) Pyrene	19.660	202	2487778	40.252	ng	99
80) Butylbenzylphthalate	20.595	149	1120140	41.335	ng	99
81) Benzo(a)anthracene	21.578	228	2538989	40.039	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	953759	43.498	ng	99
83) Chrysene	21.648	228	2393905	39.602	ng	99
84) Bis(2-ethylhexyl)phtha...	21.495	149	1579065	39.828	ng	99
85) Di-n-octyl phthalate	22.760	149	2913740	41.315	ng	96
87) Indeno(1,2,3-cd)pyrene	28.736	276	3234230	41.220	ng	# 74
88) Benzo(b)fluoranthene	23.872	252	2638356	39.988	ng	99
89) Benzo(k)fluoranthene	23.948	252	2566023	38.113	ng	99
90) Benzo(a)pyrene	24.783	252	2574390	39.843	ng	99
91) Dibenzo(a,h)anthracene	28.812	278	2665749	41.517	ng	98
92) Benzo(g,h,i)perylene	29.912	276	2609143	41.320	ng	96

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

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