

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
 Data File : BP025777.D
 Acq On : 17 Sep 2025 22:37
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Sep 18 04:27:04 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	208830	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	831008	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	544040	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	1088468	20.000	ng	0.00
76) Chrysene-d12	21.624	240	1088120	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1219902	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1109191	85.703	ng	0.00
7) Phenol-d6	6.943	99	1419054	82.490	ng	0.00
23) Nitrobenzene-d5	8.902	82	1567473	83.203	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	556542	82.015	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	3308249	80.967	ng	0.00
79) Terphenyl-d14	19.907	244	4825924	79.787	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	226581	41.713	ng	99
3) Pyridine	3.708	79	615794	41.171	ng	98
4) n-Nitrosodimethylamine	3.614	42	292800	41.486	ng	100
6) Aniline	7.096	93	949349	40.202	ng	100
8) 2-Chlorophenol	7.331	128	594270	41.855	ng	99
9) Benzaldehyde	6.913	77	345914	33.548	ng	99
10) Phenol	6.972	94	744003	41.016	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	596980	40.964	ng	98
12) 1,3-Dichlorobenzene	7.649	146	667687	41.319	ng	99
13) 1,4-Dichlorobenzene	7.790	146	678198	41.202	ng	98
14) 1,2-Dichlorobenzene	8.102	146	651266	40.727	ng	99
15) Benzyl Alcohol	7.996	79	566469	39.850	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	973126	40.832	ng	100
17) 2-Methylphenol	8.202	107	500493	40.925	ng	100
18) Hexachloroethane	8.819	117	261698	41.623	ng	96
19) n-Nitroso-di-n-propyla...	8.554	70	490148	40.851	ng	100
20) 3+4-Methylphenols	8.525	107	674550	39.385	ng	97
22) Acetophenone	8.566	105	919301	41.396	ng	# 98
24) Nitrobenzene	8.943	77	703716	41.639	ng	99
25) Isophorone	9.466	82	1350511	40.785	ng	100
26) 2-Nitrophenol	9.643	139	327163	43.601	ng	97
27) 2,4-Dimethylphenol	9.713	122	555948	42.233	ng	98
28) bis(2-Chloroethoxy)met...	9.937	93	800068	41.799	ng	100
29) 2,4-Dichlorophenol	10.184	162	551910	42.051	ng	99
30) 1,2,4-Trichlorobenzene	10.390	180	618238	41.796	ng	99
31) Naphthalene	10.572	128	1810896	40.414	ng	99
32) Benzoic acid	9.890	122	393936	40.251	ng	97
33) 4-Chloroaniline	10.684	127	785286	42.047	ng	99
34) Hexachlorobutadiene	10.860	225	393953	41.372	ng	99
35) Caprolactam	11.490	113	195164	38.574	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	629988	40.260	ng	97
37) 2-Methylnaphthalene	12.184	142	1170515	40.672	ng	99
38) 1-Methylnaphthalene	12.401	142	1244792	40.560	ng	100
40) 1,2,4,5-Tetrachloroben...	12.554	216	692748	42.021	ng	99
41) Hexachlorocyclopentadiene	12.531	237	370534	41.268	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	472979	43.642	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	506148	41.963	ng	97
46) 1,1'-Biphenyl	13.201	154	1647454	41.256	ng	100
47) 2-Chloronaphthalene	13.242	162	1302520	41.425	ng	99
48) 2-Nitroaniline	13.454	65	440707	42.047	ng	97
49) Acenaphthylene	14.095	152	2145347	41.179	ng	100
50) Dimethylphthalate	13.842	163	1669184	40.187	ng	100
51) 2,6-Dinitrotoluene	13.948	165	368837	41.914	ng	100
52) Acenaphthene	14.448	154	1222843	40.701	ng	99
53) 3-Nitroaniline	14.289	138	387279	41.850	ng	98
54) 2,4-Dinitrophenol	14.507	184	211917	39.629	ng	96
55) Dibenzofuran	14.778	168	1977720	40.389	ng	99
56) 4-Nitrophenol	14.625	139	285089	38.252	ng	97
57) 2,4-Dinitrotoluene	14.754	165	522029	41.684	ng	98
58) Fluorene	15.442	166	1541360	39.586	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	446397	41.084	ng	98
60) Diethylphthalate	15.219	149	1671310	39.668	ng	99
61) 4-Chlorophenyl-phenyle...	15.431	204	777883	39.641	ng	99
62) 4-Nitroaniline	15.466	138	409501	43.195	ng	99
63) Azobenzene	15.736	77	1657911	40.697	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	309474	42.753	ng	94
66) n-Nitrosodiphenylamine	15.660	169	1375479	41.294	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	505063	42.237	ng	99
68) Hexachlorobenzene	16.472	284	548605	41.140	ng	96
69) Atrazine	16.636	200	524141	41.165	ng	98
70) Pentachlorophenol	16.831	266	368703	41.893	ng	99
71) Phenanthrene	17.230	178	2495362	40.414	ng	100
72) Anthracene	17.319	178	2557267	40.820	ng	100
73) Carbazole	17.595	167	2385002	40.949	ng	100
74) Di-n-butylphthalate	18.183	149	2967233	41.514	ng	99
75) Fluoranthene	19.319	202	2958417	39.951	ng	100
77) Benzidine	19.507	184	1443693	46.060	ng	99
78) Pyrene	19.695	202	3066472	42.235	ng	99
80) Butylbenzylphthalate	20.636	149	1387651	43.589	ng	99
81) Benzo(a)anthracene	21.601	228	3130992	42.030	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	1096802	42.581	ng	100
83) Chrysene	21.677	228	2940444	41.408	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	2020780	43.388	ng	98
85) Di-n-octyl phthalate	22.813	149	3539900	42.727	ng	100
87) Indeno(1,2,3-cd)pyrene	28.818	276	3708862	41.807	ng	# 85
88) Benzo(b)fluoranthene	23.912	252	3108243	41.666	ng	100
89) Benzo(k)fluoranthene	23.983	252	3097804	40.694	ng	100
90) Benzo(a)pyrene	24.818	252	3026299	41.425	ng	99
91) Dibenzo(a,h)anthracene	28.889	278	3035132	41.808	ng	98
92) Benzo(g,h,i)perylene	30.000	276	3007159	42.120	ng	99

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

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