

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112025\
 Data File : BP026168.D
 Acq On : 20 Nov 2025 10:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 20 10:32:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	267157	20.000	ng	0.00
21) Naphthalene-d8	10.431	136	1117111	20.000	ng	-0.02
39) Acenaphthene-d10	14.301	164	712592	20.000	ng	-0.02
64) Phenanthrene-d10	17.119	188	1435429	20.000	ng	-0.01
76) Chrysene-d12	21.566	240	1540553	20.000	ng	0.00
86) Perylene-d12	24.883	264	1768261	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1341490	80.597	ng	0.00
7) Phenol-d6	6.843	99	1740915	82.159	ng	-0.01
23) Nitrobenzene-d5	8.802	82	1580510	80.365	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	731597	79.142	ng	0.00
45) 2-Fluorobiphenyl	12.907	172	3911765	80.454	ng	-0.02
79) Terphenyl-d14	19.854	244	6130586	81.143	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.220	88	276841	41.007	ng	100
3) Pyridine	3.608	79	795162	40.756	ng	99
4) n-Nitrosodimethylamine	3.520	42	291540	39.983	ng	97
6) Aniline	6.996	93	1133969	40.532	ng	99
8) 2-Chlorophenol	7.237	128	762338	40.238	ng	98
9) Benzaldehyde	6.814	77	489115	44.048	ng	99
10) Phenol	6.866	94	936246	41.015	ng	99
11) bis(2-Chloroethyl)ether	7.090	93	724144	40.516	ng	100
12) 1,3-Dichlorobenzene	7.555	146	831347	40.730	ng	100
13) 1,4-Dichlorobenzene	7.696	146	834825	40.590	ng	99
14) 1,2-Dichlorobenzene	8.013	146	796011	40.304	ng	99
15) Benzyl Alcohol	7.902	79	620653	39.981	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.184	45	1030288	41.045	ng	99
17) 2-Methylphenol	8.096	107	628710	40.460	ng	99
18) Hexachloroethane	8.731	117	300906	40.209	ng	98
19) n-Nitroso-di-n-propyla...	8.460	70	535079	40.648	ng	100
20) 3+4-Methylphenols	8.419	107	851269	39.534	ng	98
22) Acetophenone	8.472	105	1119987	39.444	ng	99
24) Nitrobenzene	8.843	77	797492	40.088	ng	99
25) Isophorone	9.372	82	1532415	39.304	ng	99
26) 2-Nitrophenol	9.555	139	397155	39.454	ng	99
27) 2,4-Dimethylphenol	9.619	122	724811	39.931	ng	98
28) bis(2-Chloroethoxy)met...	9.849	93	972252	39.817	ng	99
29) 2,4-Dichlorophenol	10.084	162	726350	40.037	ng	99
30) 1,2,4-Trichlorobenzene	10.302	180	724671	39.226	ng	99
31) Naphthalene	10.484	128	2422422	40.124	ng	100
32) Benzoic acid	9.743	122	546334	35.741	ng	99
33) 4-Chloroaniline	10.590	127	1038707	40.456	ng	99
34) Hexachlorobutadiene	10.772	225	467234	38.887	ng	98
35) Caprolactam	11.366	113	253790	39.067	ng	96
36) 4-Chloro-3-methylphenol	11.719	107	772729	40.074	ng	99
37) 2-Methylnaphthalene	12.101	142	1708242	39.911	ng	99
38) 1-Methylnaphthalene	12.325	142	1692105	40.447	ng	100
40) 1,2,4,5-Tetrachloroben...	12.478	216	854094	39.639	ng	100
41) Hexachlorocyclopentadiene	12.460	237	557551	39.538	ng	99
43) 2,4,6-Trichlorophenol	12.725	196	589844	39.930	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.790	196	659011	39.967	ng	99
46) 1,1'-Biphenyl	13.131	154	2108197	39.290	ng	99
47) 2-Chloronaphthalene	13.166	162	1684497	39.923	ng	99
48) 2-Nitroaniline	13.372	65	483777	41.230	ng	95
49) Acenaphthylene	14.025	152	2818201	40.492	ng	100
50) Dimethylphthalate	13.766	163	2120416	39.840	ng	100
51) 2,6-Dinitrotoluene	13.872	165	430750	40.845	ng	98
52) Acenaphthene	14.378	154	1750558	42.920	ng	99
53) 3-Nitroaniline	14.201	138	501274	40.370	ng	98
54) 2,4-Dinitrophenol	14.413	184	231316	36.336	ng	92
55) Dibenzofuran	14.725	168	2567036	40.635	ng	99
56) 4-Nitrophenol	14.525	139	433248	38.569	ng	99
57) 2,4-Dinitrotoluene	14.672	165	652045	41.408	ng	99
58) Fluorene	15.384	166	2008295	40.220	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.948	232	556564	39.787	ng	99
60) Diethylphthalate	15.160	149	2147007	40.045	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	999396	40.226	ng	98
62) 4-Nitroaniline	15.395	138	528734	41.006	ng	98
63) Azobenzene	15.684	77	1859147	41.125	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	347097	38.063	ng	94
66) n-Nitrosodiphenylamine	15.590	169	1837087	41.372	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	640382	40.283	ng	97
68) Hexachlorobenzene	16.413	284	745257	40.401	ng	97
69) Atrazine	16.578	200	653621	39.036	ng	98
70) Pentachlorophenol	16.760	266	504254	39.079	ng	100
71) Phenanthrene	17.160	178	3250489	40.199	ng	100
72) Anthracene	17.248	178	3372494	40.891	ng	99
73) Carbazole	17.531	167	3104169	39.628	ng	100
74) Di-n-butylphthalate	18.136	149	3574798	38.494	ng	100
75) Fluoranthene	19.254	202	3892769	39.622	ng	100
77) Benzidine	19.448	184	1827322	37.376	ng	100
78) Pyrene	19.630	202	4106369	40.653	ng	99
80) Butylbenzylphthalate	20.601	149	1708157	38.399	ng	98
81) Benzo(a)anthracene	21.548	228	4214247	39.831	ng	100
82) 3,3'-Dichlorobenzidine	21.472	252	1491227	38.758	ng	98
83) Chrysene	21.613	228	4007684	40.192	ng	100
84) Bis(2-ethylhexyl)phtha...	21.513	149	2534645	37.640	ng	100
85) Di-n-octyl phthalate	22.783	149	4363196	37.056	ng	100
87) Indeno(1,2,3-cd)pyrene	28.659	276	5362152	40.434	ng	# 94
88) Benzo(b)fluoranthene	23.842	252	4389429	40.762	ng	100
89) Benzo(k)fluoranthene	23.913	252	4293079	39.915	ng	99
90) Benzo(a)pyrene	24.730	252	4095867	40.155	ng	99
91) Dibenzo(a,h)anthracene	28.736	278	4400295	40.534	ng	100
92) Benzo(g,h,i)perylene	29.824	276	4384280	40.633	ng	99

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

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