

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111825\
 Data File : BP026147.D
 Acq On : 18 Nov 2025 17:57
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
 Supervised By :Sohil Jodhani 11/19/2025

Quant Time: Nov 19 01:14:00 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 01:06:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	337271	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1420937	20.000	ng	0.00
39) Acenaphthene-d10	14.313	164	933300	20.000	ng	-0.01
64) Phenanthrene-d10	17.131	188	1878028	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1999579	20.000	ng	0.00
86) Perylene-d12	24.901	264	2243799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1679294	79.895	ng	0.00
7) Phenol-d6	6.855	99	2181293	81.447	ng	0.00
23) Nitrobenzene-d5	8.813	82	2018895	80.578	ng	0.00
42) 2,4,6-Tribromophenol	15.831	330	985641	81.498	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	4991155	78.020	ng	-0.01
79) Terphenyl-d14	19.872	244	7922015	80.792	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	328478	38.414	ng	100
3) Pyridine	3.614	79	974704	39.541	ng	98
4) n-Nitrosodimethylamine	3.519	42	364054	39.627	ng	96
6) Aniline	7.008	93	1431502	40.575	ng	98
8) 2-Chlorophenol	7.243	128	964995	40.369	ng	99
9) Benzaldehyde	6.819	77	622134	53.939	ng	99
10) Phenol	6.878	94	1177853	40.869	ng	99
11) bis(2-Chloroethyl)ether	7.102	93	917778	40.811	ng	99
12) 1,3-Dichlorobenzene	7.560	146	1028799	39.968	ng	99
13) 1,4-Dichlorobenzene	7.708	146	1038752	40.071	ng	99
14) 1,2-Dichlorobenzene	8.019	146	997382	39.996	ng	99
15) Benzyl Alcohol	7.908	79	800974	40.874	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	1291371	40.615	ng	99
17) 2-Methylphenol	8.113	107	806245	41.076	ng	100
18) Hexachloroethane	8.743	117	380794	40.305	ng	99
19) n-Nitroso-di-n-propyla...	8.472	70	690711	41.414	ng	99
20) 3+4-Methylphenols	8.437	107	1095272	40.127	ng	98
22) Acetophenone	8.484	105	1439776	39.828	ng	100
24) Nitrobenzene	8.855	77	1020382	40.240	ng	99
25) Isophorone	9.384	82	2017328	40.551	ng	99
26) 2-Nitrophenol	9.554	139	537109	42.012	ng	99
27) 2,4-Dimethylphenol	9.625	122	932722	40.271	ng	99
28) bis(2-Chloroethoxy)met...	9.860	93	1247327	40.045	ng	99
29) 2,4-Dichlorophenol	10.096	162	940122	40.740	ng	99
30) 1,2,4-Trichlorobenzene	10.307	180	938571	39.912	ng	99
31) Naphthalene	10.496	128	3048677	39.513	ng	99
32) Benzoic acid	9.772	122	784823	42.116	ng	97
33) 4-Chloroaniline	10.596	127	1340270	40.923	ng	99
34) Hexachlorobutadiene	10.784	225	610384	39.893	ng	99
35) Caprolactam	11.384	113	333785	40.168	ng	97
36) 4-Chloro-3-methylphenol	11.725	107	1006010	40.975	ng	99
37) 2-Methylnaphthalene	12.107	142	2196657	40.223	ng	100
38) 1-Methylnaphthalene	12.331	142	2167022	40.554	ng	99
40) 1,2,4,5-Tetrachloroben...	12.478	216	1113781	39.601	ng	100
41) Hexachlorocyclopentadiene	12.466	237	739123	40.264	ng	100
43) 2,4,6-Trichlorophenol	12.719	196	783545	40.484	ng	100

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44) 2,4,5-Trichlorophenol	12.795	196	871078	40.362	ng	99
46) 1,1'-Biphenyl	13.131	154	2780286	39.689	ng	99
47) 2-Chloronaphthalene	13.166	162	2182735	39.633	ng	99
48) 2-Nitroaniline	13.366	65	630592	41.000	ng	95
49) Acenaphthylene	14.025	152	3633847	39.879	ng	100
50) Dimethylphthalate	13.760	163	2788637	40.098	ng	100
51) 2,6-Dinitrotoluene	13.878	165	588736	42.806	ng	95
52) Acenaphthene	14.372	154	2124219	39.859	ng	99
53) 3-Nitroaniline	14.207	138	675665	41.586	ng	99
54) 2,4-Dinitrophenol	14.413	184	346832	42.038	ng	98
55) Dibenzofuran	14.713	168	3294100	39.554	ng	99
56) 4-Nitrophenol	14.531	139	589592	39.974	ng	99
57) 2,4-Dinitrotoluene	14.678	165	871532	42.152	ng	96
58) Fluorene	15.384	166	2576477	39.135	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	746296	40.827	ng	100
60) Diethylphthalate	15.160	149	2841743	40.313	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	1293329	39.576	ng	96
62) 4-Nitroaniline	15.395	138	681705	40.085	ng	99
63) Azobenzene	15.684	77	2408368	40.665	ng	99
65) 4,6-Dinitro-2-methylph...	15.454	198	503716	42.621	ng	95
66) n-Nitrosodiphenylamine	15.601	169	2344222	40.344	ng	100
67) 4-Bromophenyl-phenylether	16.295	248	861696	41.519	ng	98
68) Hexachlorobenzene	16.419	284	994319	41.466	ng	95
69) Atrazine	16.584	200	893064	40.815	ng	99
70) Pentachlorophenol	16.766	266	688877	40.947	ng	99
71) Phenanthrene	17.172	178	4216157	39.682	ng	99
72) Anthracene	17.260	178	4399641	40.544	ng	100
73) Carbazole	17.542	167	4149841	40.424	ng	100
74) Di-n-butylphthalate	18.160	149	5102416	41.877	ng	99
75) Fluoranthene	19.266	202	5142583	39.601	ng	99
77) Benzidine	19.460	184	2462804	40.014	ng	99
78) Pyrene	19.642	202	5323064	40.857	ng	99
80) Butylbenzylphthalate	20.607	149	2411743	41.564	ng	99
81) Benzo(a)anthracene	21.554	228	5501277	40.116	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	2000641	40.145	ng	99
83) Chrysene	21.630	228	5135129	39.774	ng	99
84) Bis(2-ethylhexyl)phtha...	21.519	149	3731352	42.841	ng	100
85) Di-n-octyl phthalate	22.807	149	6322176	41.246	ng	100
87) Indeno(1,2,3-cd)pyrene	28.701	276	6780312m	40.563	ng	
88) Benzo(b)fluoranthene	23.865	252	5552010	40.699	ng	99
89) Benzo(k)fluoranthene	23.936	252	5444576	39.935	ng	99
90) Benzo(a)pyrene	24.754	252	5241553	40.506	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	5550506	40.515	ng	100
92) Benzo(g,h,i)perylene	29.883	276	5486208	40.345	ng	100

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

