

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071525\
 Data File : BF143100.D
 Acq On : 15 Jul 2025 16:35
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/16/2025
 Supervised By :Jagrut Upadhyay 07/16/2025

Quant Time: Jul 15 17:42:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:08:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	129576	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	487361	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	236260	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	362117	20.000	ng	0.00
76) Chrysene-d12	14.133	240	196411	20.000	ng	0.00
86) Perylene-d12	15.639	264	256691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1189824	145.077	ng	0.00
7) Phenol-d6	6.593	99	1493965	144.917	ng	0.00
23) Nitrobenzene-d5	7.534	82	1441614	165.933	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	355830	168.911	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2339151	131.609	ng	0.00
79) Terphenyl-d14	13.075	244	1779829	132.466	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.805	88	303852	74.427	ng	100
3) Pyridine	3.581	79	787323	76.158	ng	99
4) n-Nitrosodimethylamine	3.534	42	421072	78.614	ng	100
6) Aniline	6.634	93	1072162	73.855	ng	100
8) 2-Chlorophenol	6.757	128	628294	76.249	ng	99
9) Benzaldehyde	6.522	77	447861	57.014	ng	99
10) Phenol	6.610	94	820918m	73.558	ng	
11) bis(2-Chloroethyl)ether	6.704	93	626821	72.551	ng	98
12) 1,3-Dichlorobenzene	6.916	146	666489	71.595	ng	100
13) 1,4-Dichlorobenzene	6.987	146	669586	71.496	ng	99
14) 1,2-Dichlorobenzene	7.145	146	643168	72.014	ng	99
15) Benzyl Alcohol	7.104	79	586953	76.840	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.245	45	1125357	70.661	ng	98
17) 2-Methylphenol	7.216	107	536428	75.438	ng	99
18) Hexachloroethane	7.487	117	235713	77.313	ng	99
19) n-Nitroso-di-n-propyla...	7.393	70	464705	73.578	ng	98
20) 3+4-Methylphenols	7.369	107	616275	70.670	ng	95
22) Acetophenone	7.381	105	817243	69.563	ng	# 95
24) Nitrobenzene	7.551	77	676569	80.671	ng	99
25) Isophorone	7.798	82	1269015	75.573	ng	100
26) 2-Nitrophenol	7.863	139	287169	82.598	ng	98
27) 2,4-Dimethylphenol	7.898	122	582059	74.683	ng	98
28) bis(2-Chloroethoxy)met...	7.998	93	731977	71.885	ng	100
29) 2,4-Dichlorophenol	8.104	162	496027	77.795	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	520808	71.974	ng	98
31) Naphthalene	8.275	128	1711163	70.704	ng	100
32) Benzoic acid	8.022	122	336178	81.374	ng	99
33) 4-Chloroaniline	8.316	127	688999	70.795	ng	99
34) Hexachlorobutadiene	8.398	225	318274	73.546	ng	98
35) Caprolactam	8.698	113	161466	81.097	ng	94
36) 4-Chloro-3-methylphenol	8.792	107	539340	75.937	ng	97
37) 2-Methylnaphthalene	8.963	142	1021312	70.738	ng	99
38) 1-Methylnaphthalene	9.063	142	1047560	69.955	ng	100
40) 1,2,4,5-Tetrachloroben...	9.134	216	493246	71.639	ng	99
41) Hexachlorocyclopentadiene	9.128	237	324865	85.103	ng	98
43) 2,4,6-Trichlorophenol	9.239	196	355839	83.176	ng	98

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44) 2,4,5-Trichlorophenol	9.275	196	357298	79.651	ng	99
46) 1,1'-Biphenyl	9.428	154	1307947	69.419	ng	99
47) 2-Chloronaphthalene	9.457	162	990436	71.557	ng	99
48) 2-Nitroaniline	9.539	65	335875	79.074	ng	99
49) Acenaphthylene	9.875	152	1650097	71.544	ng	99
50) Dimethylphthalate	9.728	163	1104756	74.327	ng	100
51) 2,6-Dinitrotoluene	9.787	165	233478	77.660	ng	91
52) Acenaphthene	10.045	154	975285	71.657	ng	99
53) 3-Nitroaniline	9.951	138	279161	86.920	ng	99
54) 2,4-Dinitrophenol	10.057	184	91751	79.064	ng	# 1
55) Dibenzofuran	10.216	168	1432458	70.610	ng	100
56) 4-Nitrophenol	10.098	139	219224	85.886	ng	97
57) 2,4-Dinitrotoluene	10.186	165	302558	80.048	ng	99
58) Fluorene	10.557	166	1043990	68.640	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	291933	81.893	ng	99
60) Diethylphthalate	10.428	149	1067815	74.464	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	524910	72.005	ng	98
62) 4-Nitroaniline	10.569	138	244461	87.527	ng	97
63) Azobenzene	10.710	77	1141613	71.985	ng	98
65) 4,6-Dinitro-2-methylph...	10.598	198	125251	78.600	ng	96
66) n-Nitrosodiphenylamine	10.663	169	947890	74.520	ng	99
67) 4-Bromophenyl-phenylether	11.039	248	316619	76.885	ng	97
68) Hexachlorobenzene	11.110	284	333899	76.417	ng	96
69) Atrazine	11.186	200	266668	81.943	ng	97
70) Pentachlorophenol	11.292	266	210729	87.905	ng	99
71) Phenanthrene	11.522	178	1401500	71.714	ng	99
72) Anthracene	11.569	178	1423259	72.421	ng	99
73) Carbazole	11.716	167	1264053	71.796	ng	100
74) Di-n-butylphthalate	12.051	149	1299711	80.422	ng	100
75) Fluoranthene	12.704	202	1258479	70.821	ng	99
77) Benzidine	12.816	184	403599	60.315	ng	99
78) Pyrene	12.933	202	1244953	68.315	ng	99
80) Butylbenzylphthalate	13.551	149	301525	79.914	ng	99
81) Benzo(a)anthracene	14.122	228	979909	74.870	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	296061	77.896	ng	99
83) Chrysene	14.157	228	913035	75.743	ng	98
84) Bis(2-ethylhexyl)phtha...	14.110	149	458210	80.495	ng	99
85) Di-n-octyl phthalate	14.727	149	916748	82.209	ng	98
87) Indeno(1,2,3-cd)pyrene	17.192	276	1509813	79.082	ng	98
88) Benzo(b)fluoranthene	15.198	252	1115815	75.360	ng	99
89) Benzo(k)fluoranthene	15.227	252	1083939	76.736	ng	99
90) Benzo(a)pyrene	15.580	252	1107280	79.071	ng	99
91) Dibenzo(a,h)anthracene	17.215	278	1209971	77.528	ng	98
92) Benzo(g,h,i)perylene	17.668	276	1246206	78.321	ng	98

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

Manual Integrations

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