

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111425\
 Data File : BF144253.D
 Acq On : 14 Nov 2025 10:18
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 14 10:37:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2025
 Supervised By :Sohil Jodhani 11/17/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	48379	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	184717	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	100208	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	157513	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	83801	20.000	ng	-0.01
86) Perylene-d12	15.521	264	127271	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	255247	82.563	ng	-0.01
7) Phenol-d6	6.498	99	281075	80.239	ng	0.00
23) Nitrobenzene-d5	7.428	82	256903	80.325	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	90921	72.303	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	518174	76.372	ng	0.00
79) Terphenyl-d14	12.980	244	405422	76.846	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	52183	40.827	ng	97
3) Pyridine	3.369	79	144532	40.532	ng	100
4) n-Nitrosodimethylamine	3.316	42	76541	41.093	ng	98
6) Aniline	6.528	93	204234	40.921	ng	98
8) 2-Chlorophenol	6.651	128	121247	39.991	ng	100
9) Benzaldehyde	6.416	77	98203	49.646	ng	94
10) Phenol	6.510	94	174113	40.681	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	122423	39.256	ng	97
12) 1,3-Dichlorobenzene	6.804	146	149294	39.905	ng	98
13) 1,4-Dichlorobenzene	6.881	146	148132	39.522	ng	99
14) 1,2-Dichlorobenzene	7.034	146	140024	38.977	ng	100
15) Benzyl Alcohol	7.010	79	110295	39.763	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	224969	39.173	ng	94
17) 2-Methylphenol	7.116	107	97243	40.317	ng	98
18) Hexachloroethane	7.375	117	49750	39.952	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	87885	38.111	ng	92
20) 3+4-Methylphenols	7.269	107	113447	39.900	ng	93
22) Acetophenone	7.275	105	154790	39.063	ng	95
24) Nitrobenzene	7.451	77	137332	39.547	ng	99
25) Isophorone	7.687	82	235139	38.868	ng	99
26) 2-Nitrophenol	7.763	139	69784	40.596	ng	97
27) 2,4-Dimethylphenol	7.798	122	101818	39.518	ng	98
28) bis(2-Chloroethoxy)met...	7.893	93	148310	39.259	ng	99
29) 2,4-Dichlorophenol	8.010	162	113755	38.307	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	118206	38.765	ng	98
31) Naphthalene	8.169	128	337177	38.373	ng	99
32) Benzoic acid	7.910	122	63960m	33.866	ng	
33) 4-Chloroaniline	8.222	127	126360	39.430	ng	99
34) Hexachlorobutadiene	8.287	225	86300	37.553	ng	99
35) Caprolactam	8.587	113	28624	35.183	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	105537	39.655	ng	96
37) 2-Methylnaphthalene	8.863	142	226271	38.516	ng	100
38) 1-Methylnaphthalene	8.963	142	213790	37.715	ng	97
40) 1,2,4,5-Tetrachloroben...	9.028	216	131414	40.015	ng	98
41) Hexachlorocyclopentadiene	9.016	237	45222	43.797	ng	93
43) 2,4,6-Trichlorophenol	9.140	196	85302	38.162	ng	97

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44) 2,4,5-Trichlorophenol	9.181	196	91754	38.087	ng	98
46) 1,1'-Biphenyl	9.328	154	274607	39.259	ng	99
47) 2-Chloronaphthalene	9.351	162	233511	39.136	ng	100
48) 2-Nitroaniline	9.445	65	70379	40.880	ng	96
49) Acenaphthylene	9.769	152	318705	39.197	ng	99
50) Dimethylphthalate	9.622	163	249417	37.571	ng	99
51) 2,6-Dinitrotoluene	9.687	165	53693	39.954	ng	99
52) Acenaphthene	9.939	154	196309	36.104	ng	99
53) 3-Nitroaniline	9.857	138	56059	38.160	ng	96
54) 2,4-Dinitrophenol	9.969	184	38556	47.512	ng	96
55) Dibenzofuran	10.110	168	292779	38.447	ng	98
56) 4-Nitrophenol	10.022	139	40202	37.832	ng	97
57) 2,4-Dinitrotoluene	10.092	165	69528	38.648	ng	98
58) Fluorene	10.457	166	221525	38.261	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	61716	36.209	ng	96
60) Diethylphthalate	10.322	149	224333	36.657	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	122737	37.215	ng	96
62) 4-Nitroaniline	10.475	138	51241	36.627	ng	99
63) Azobenzene	10.604	77	218086	38.291	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	38057	35.566	ng	98
66) n-Nitrosodiphenylamine	10.563	169	203647	40.198	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	80306	39.943	ng	96
68) Hexachlorobenzene	11.004	284	94656	39.971	ng	98
69) Atrazine	11.086	200	54375	33.750	ng	99
70) Pentachlorophenol	11.204	266	46836	39.717	ng	95
71) Phenanthrene	11.422	178	310971	39.653	ng	99
72) Anthracene	11.469	178	312701	39.213	ng	99
73) Carbazole	11.628	167	250669	36.967	ng	99
74) Di-n-butylphthalate	11.951	149	263800	32.181	ng	99
75) Fluoranthene	12.610	202	276214	34.096	ng	99
77) Benzidine	12.733	184	99639	40.197	ng	100
78) Pyrene	12.839	202	278957	41.285	ng	100
80) Butylbenzylphthalate	13.457	149	76694	32.750	ng	99
81) Benzo(a)anthracene	14.033	228	229625	39.536	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	78819	39.591	ng	99
83) Chrysene	14.069	228	204672	38.174	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	107566	33.553	ng	99
85) Di-n-octyl phthalate	14.627	149	210831	38.117	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	364005	39.843	ng	99
88) Benzo(b)fluoranthene	15.086	252	289324	39.986	ng	99
89) Benzo(k)fluoranthene	15.116	252	234681	34.652	ng	99
90) Benzo(a)pyrene	15.457	252	260848	39.077	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	296239	40.375	ng	99
92) Benzo(g,h,i)perylene	17.468	276	282560	38.998	ng	99

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

