

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143313.D
 Acq On : 05 Aug 2025 13:59
 Operator : RC/JU
 Sample : Q2734-01MS 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-253MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/06/2025
 Supervised By :Jagrut Upadhyay 08/06/2025

Quant Time: Aug 05 14:26:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	130860	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	486158	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	224868	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	312204	20.000	ng	0.00
76) Chrysene-d12	14.133	240	241353	20.000	ng	0.01
86) Perylene-d12	15.645	264	186398	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	333444	40.323	ng	0.01
7) Phenol-d6	6.592	99	435211	41.813	ng	0.00
23) Nitrobenzene-d5	7.516	82	275271	28.224	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	83476	35.934	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	484848	29.488	ng	0.00
79) Terphenyl-d14	13.069	244	381121	23.499	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	65474	16.733	ng	99
3) Pyridine	3.604	79	164496	16.197	ng	98
4) n-Nitrosodimethylamine	3.528	42	97480	18.590	ng	97
6) Aniline	6.622	93	84409	5.819	ng	# 83
8) 2-Chlorophenol	6.751	128	169608	19.567	ng	97
9) Benzaldehyde	6.510	77	105300	13.492	ng	98
10) Phenol	6.604	94	218878	19.303	ng	100
11) bis(2-Chloroethyl)ether	6.692	93	182838	21.060	ng	97
12) 1,3-Dichlorobenzene	6.904	146	177685	18.870	ng	100
13) 1,4-Dichlorobenzene	6.981	146	179746	18.955	ng	99
14) 1,2-Dichlorobenzene	7.134	146	173303	19.215	ng	99
15) Benzyl Alcohol	7.098	79	153915	19.367	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	318887	19.800	ng	97
17) 2-Methylphenol	7.216	107	139737	19.173	ng	99
18) Hexachloroethane	7.481	117	52594	16.021	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	126399	18.928	ng	98
20) 3+4-Methylphenols	7.363	107	176660	19.978	ng	# 69
22) Acetophenone	7.363	105	234736	20.394	ng	# 95
24) Nitrobenzene	7.539	77	185250	20.373	ng	100
25) Isophorone	7.781	82	345353	20.059	ng	98
26) 2-Nitrophenol	7.857	139	89217	22.608	ng	99
27) 2,4-Dimethylphenol	7.892	122	154952m	19.263	ng	
28) bis(2-Chloroethoxy)met...	7.986	93	211672	20.505	ng	99
29) 2,4-Dichlorophenol	8.104	162	128258	18.907	ng	99
30) 1,2,4-Trichlorobenzene	8.186	180	142684	19.469	ng	100
31) Naphthalene	8.269	128	477055	19.925	ng	100
32) Benzoic acid	7.981	122	80819	21.090	ng	99
33) 4-Chloroaniline	8.310	127	52381	5.358	ng	99
34) Hexachlorobutadiene	8.386	225	85967	19.202	ng	99
35) Caprolactam	8.657	113	42764	20.861	ng	96
36) 4-Chloro-3-methylphenol	8.792	107	135660	18.399	ng	97
37) 2-Methylnaphthalene	8.957	142	284935	19.557	ng	100
38) 1-Methylnaphthalene	9.057	142	292390	19.489	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	139365	21.467	ng	98
41) Hexachlorocyclopentadiene	9.116	237	873	0.207	ng	92
43) 2,4,6-Trichlorophenol	9.233	196	84670	18.844	ng	97

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44) 2,4,5-Trichlorophenol	9.275	196	82644	18.388	ng	98
46) 1,1'-Biphenyl	9.422	154	382379	21.795	ng	99
47) 2-Chloronaphthalene	9.445	162	262793	20.244	ng	99
48) 2-Nitroaniline	9.533	65	88146	21.653	ng	98
49) Acenaphthylene	9.863	152	430327	19.781	ng	100
50) Dimethylphthalate	9.710	163	326052	22.245	ng	100
51) 2,6-Dinitrotoluene	9.775	165	64618	21.671	ng	96
52) Acenaphthene	10.033	154	257617	20.035	ng	97
53) 3-Nitroaniline	9.939	138	47291	13.560	ng	96
54) 2,4-Dinitrophenol	10.051	184	19195	19.684	ng #	9
55) Dibenzofuran	10.204	168	370877	19.428	ng	99
56) 4-Nitrophenol	10.104	139	82334	31.613	ng	97
57) 2,4-Dinitrotoluene	10.175	165	77385	20.686	ng	99
58) Fluorene	10.551	166	277735	19.385	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	63002	16.922	ng	98
60) Diethylphthalate	10.416	149	305410	21.081	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	139599	19.567	ng	99
62) 4-Nitroaniline	10.551	138	49643	16.608	ng	98
63) Azobenzene	10.698	77	295403	19.564	ng	97
65) 4,6-Dinitro-2-methylph...	10.586	198	15461	13.794	ng	90
66) n-Nitrosodiphenylamine	10.651	169	240384	21.866	ng	100
67) 4-Bromophenyl-phenylether	11.027	248	76580	20.583	ng	98
68) Hexachlorobenzene	11.104	284	69382	17.841	ng	99
69) Atrazine	11.180	200	68641	22.647	ng	100
70) Pentachlorophenol	11.292	266	72936	31.892	ng	98
71) Phenanthrene	11.516	178	453203	27.339	ng	100
72) Anthracene	11.563	178	368566	21.800	ng	99
73) Carbazole	11.716	167	318850	21.598	ng	100
74) Di-n-butylphthalate	12.045	149	399160	23.896	ng	99
75) Fluoranthene	12.704	202	687059	45.155	ng	99
77) Benzidine	12.821	184	6918	0.744	ng #	34
78) Pyrene	12.933	202	677000	32.867	ng	99
80) Butylbenzylphthalate	13.545	149	162294	25.730	ng	98
81) Benzo(a)anthracene	14.121	228	499986	30.942	ng	98
82) 3,3'-Dichlorobenzidine	14.080	252	58890	10.935	ng	99
83) Chrysene	14.157	228	438517	30.184	ng	98
84) Bis(2-ethylhexyl)phtha...	14.104	149	242982	25.451	ng	99
85) Di-n-octyl phthalate	14.721	149	393515	22.740	ng	100
87) Indeno(1,2,3-cd)pyrene	17.192	276	246288	18.738	ng	99
88) Benzo(b)fluoranthene	15.198	252	376253	33.042	ng #	97
89) Benzo(k)fluoranthene	15.227	252	304157m	29.933	ng	
90) Benzo(a)pyrene	15.580	252	301255	28.714	ng #	96
91) Dibenzo(a,h)anthracene	17.209	278	174886	16.348	ng	98
92) Benzo(g,h,i)perylene	17.662	276	200796	19.403	ng	99

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

