

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142629.D
 Acq On : 05 Jun 2025 12:38
 Operator : RC/JU
 Sample : Q2194-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-13MS

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Jun 05 13:04:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	122190	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	451779	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	216895	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	322012	20.000	ng	0.00
76) Chrysene-d12	14.069	240	234738	20.000	ng	0.00
86) Perylene-d12	15.563	264	279656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	599856	82.708	ng	0.00
7) Phenol-d6	6.528	99	713873	81.768	ng	0.00
23) Nitrobenzene-d5	7.457	82	438378	52.911	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	189404	78.680	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	836201	51.733	ng	-0.01
79) Terphenyl-d14	13.010	244	631979	36.791	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	116544	40.157	ng	98
3) Pyridine	3.493	79	317907	43.015	ng	97
4) n-Nitrosodimethylamine	3.446	42	166389	43.360	ng	90
6) Aniline	6.557	93	418548	35.655	ng	98
8) 2-Chlorophenol	6.681	128	349653	44.261	ng	99
9) Benzaldehyde	6.446	77	185164	35.262	ng	99
10) Phenol	6.540	94	420223	42.777	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	315563	44.625	ng	100
12) 1,3-Dichlorobenzene	6.840	146	381689	43.300	ng	98
13) 1,4-Dichlorobenzene	6.916	146	390667	43.997	ng	98
14) 1,2-Dichlorobenzene	7.069	146	373469	43.956	ng	99
15) Benzyl Alcohol	7.034	79	273858	42.447	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	511374	43.062	ng	98
17) 2-Methylphenol	7.146	107	260125	42.175	ng	98
18) Hexachloroethane	7.410	117	135471	43.693	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	214353	39.616	ng	100
20) 3+4-Methylphenols	7.298	107	319353	40.433	ng	97
22) Acetophenone	7.304	105	434580	43.454	ng	98
24) Nitrobenzene	7.481	77	329327	44.072	ng	98
25) Isophorone	7.716	82	586760	42.359	ng	98
26) 2-Nitrophenol	7.793	139	187399	46.934	ng	98
27) 2,4-Dimethylphenol	7.834	122	305696	43.415	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	380803	44.007	ng	99
29) 2,4-Dichlorophenol	8.040	162	277852	43.390	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	312724	44.999	ng	98
31) Naphthalene	8.204	128	974716	43.817	ng	100
32) Benzoic acid	7.945	122	193944m	45.248	ng	
33) 4-Chloroaniline	8.251	127	227971	25.291	ng	98
34) Hexachlorobutadiene	8.316	225	191565	44.147	ng	100
35) Caprolactam	8.616	113	78313m	43.544	ng	
36) 4-Chloro-3-methylphenol	8.728	107	261506	39.848	ng	97
37) 2-Methylnaphthalene	8.892	142	591729	42.281	ng	100
38) 1-Methylnaphthalene	8.992	142	600790	41.502	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	297227	47.739	ng	98
41) Hexachlorocyclopentadiene	9.045	237	375230	89.339	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	194738	46.384	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	199277	45.006	ng	98
46) 1,1'-Biphenyl	9.357	154	780991	46.413	ng	99
47) 2-Chloronaphthalene	9.387	162	577402	46.443	ng	97
48) 2-Nitroaniline	9.481	65	160805	44.748	ng	95
49) Acenaphthylene	9.798	152	939256	44.741	ng	100
50) Dimethylphthalate	9.657	163	622374	43.488	ng	99
51) 2,6-Dinitrotoluene	9.722	165	136634	44.234	ng	95
52) Acenaphthene	9.975	154	623337	48.626	ng	99
53) 3-Nitroaniline	9.887	138	101002	29.937	ng	98
54) 2,4-Dinitrophenol	9.998	184	158196	99.131	ng	92
55) Dibenzofuran	10.145	168	807247	43.761	ng	98
56) 4-Nitrophenol	10.051	139	219710	88.260	ng	96
57) 2,4-Dinitrotoluene	10.122	165	180624	44.776	ng	99
58) Fluorene	10.486	166	608304	42.685	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	157768	42.681	ng	98
60) Diethylphthalate	10.357	149	579733	41.477	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	295911	42.269	ng	96
62) 4-Nitroaniline	10.504	138	134386	43.919	ng	95
63) Azobenzene	10.639	77	589364	46.946	ng	95
65) 4,6-Dinitro-2-methylph...	10.534	198	95910	53.370	ng	97
66) n-Nitrosodiphenylamine	10.598	169	517819	47.003	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	177063	46.503	ng	98
68) Hexachlorobenzene	11.034	284	196279	46.608	ng	99
69) Atrazine	11.122	200	147925	50.560	ng	99
70) Pentachlorophenol	11.233	266	215378	90.586	ng	98
71) Phenanthrene	11.451	178	776660	45.131	ng	100
72) Anthracene	11.504	178	801110	45.613	ng	100
73) Carbazole	11.657	167	688286	45.841	ng	100
74) Di-n-butylphthalate	11.981	149	789814	48.057	ng	99
75) Fluoranthene	12.639	202	747653	46.496	ng	99
77) Benzidine	12.763	184	344316	39.417	ng	99
78) Pyrene	12.869	202	746029	34.069	ng	99
80) Butylbenzylphthalate	13.486	149	301575	49.841	ng	96
81) Benzo(a)anthracene	14.057	228	725686	46.297	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	165303	34.769	ng	98
83) Chrysene	14.098	228	623470	44.266	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	424459	54.798	ng	99
85) Di-n-octyl phthalate	14.657	149	755517	49.884	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	903860	43.052	ng	99
88) Benzo(b)fluoranthene	15.121	252	773424	46.729	ng	98
89) Benzo(k)fluoranthene	15.157	252	673810	43.465	ng	99
90) Benzo(a)pyrene	15.504	252	713699	45.746	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	735502	43.194	ng	98
92) Benzo(g,h,i)perylene	17.545	276	730836	42.911	ng	99

06/06/2025
 Supervised By :Jagrut
 Upadhyay

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

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