

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142531.D
 Acq On : 23 May 2025 13:12
 Operator : RC/JU
 Sample : Q2100-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-45MS

Quant Time: May 23 13:39:55 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

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	126551	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	479831	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	253217	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	418845	20.000	ng	0.00
76) Chrysene-d12	14.069	240	224873	20.000	ng	0.00
86) Perylene-d12	15.563	264	247916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	704635	93.807	ng	0.00
7) Phenol-d6	6.522	99	887022	98.099	ng	-0.01
23) Nitrobenzene-d5	7.463	82	529950	60.224	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	286579	101.971	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1081815	57.328	ng	-0.01
79) Terphenyl-d14	13.010	244	928535	56.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	103216	34.339	ng	99
3) Pyridine	3.493	79	284645	37.187	ng	100
4) n-Nitrosodimethylamine	3.446	42	165626	41.674	ng	96
6) Aniline	6.563	93	410799	33.789	ng	100
8) 2-Chlorophenol	6.681	128	344650	42.125	ng	98
9) Benzaldehyde	6.445	77	206235	37.921	ng	98
10) Phenol	6.540	94	421804	41.458	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	303451	41.433	ng	100
12) 1,3-Dichlorobenzene	6.840	146	369527	40.476	ng	99
13) 1,4-Dichlorobenzene	6.916	146	371139	40.357	ng	99
14) 1,2-Dichlorobenzene	7.069	146	359344	40.836	ng	99
15) Benzyl Alcohol	7.040	79	281673	42.153	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	506866	41.211	ng	99
17) 2-Methylphenol	7.145	107	266587	41.734	ng	99
18) Hexachloroethane	7.410	117	130566	40.660	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	226470	40.413	ng	100
20) 3+4-Methylphenols	7.298	107	328561	40.166	ng	# 90
22) Acetophenone	7.310	105	442818	41.689	ng	99
24) Nitrobenzene	7.481	77	338446	42.645	ng	98
25) Isophorone	7.722	82	607573	41.297	ng	98
26) 2-Nitrophenol	7.798	139	185622	43.771	ng	98
27) 2,4-Dimethylphenol	7.834	122	318621	42.605	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	379961	41.343	ng	100
29) 2,4-Dichlorophenol	8.039	162	286157	42.075	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	307585	41.672	ng	98
31) Naphthalene	8.204	128	976314	41.323	ng	100
32) Benzoic acid	7.951	122	220667	48.473	ng	97
33) 4-Chloroaniline	8.251	127	156215	16.317	ng	97
34) Hexachlorobutadiene	8.322	225	189081	41.027	ng	99
35) Caprolactam	8.622	113	89321m	46.761	ng	
36) 4-Chloro-3-methylphenol	8.728	107	292388	41.949	ng	99
37) 2-Methylnaphthalene	8.892	142	600475	40.398	ng	100
38) 1-Methylnaphthalene	8.992	142	621886	40.448	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	307313	42.278	ng	99
41) Hexachlorocyclopentadiene	9.051	237	407295	83.063	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	214558	43.774	ng	97

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44) 2,4,5-Trichlorophenol	9.210	196	215965	41.778	ng	99
46) 1,1'-Biphenyl	9.357	154	822660	41.876	ng	100
47) 2-Chloronaphthalene	9.386	162	604422	41.643	ng	98
48) 2-Nitroaniline	9.481	65	178733	42.603	ng	98
49) Acenaphthylene	9.804	152	1017688	41.523	ng	100
50) Dimethylphthalate	9.663	163	708873	42.427	ng	100
51) 2,6-Dinitrotoluene	9.722	165	155634	43.158	ng	99
52) Acenaphthene	9.975	154	684906	45.765	ng	100
53) 3-Nitroaniline	9.886	138	98207	24.934	ng	100
54) 2,4-Dinitrophenol	9.998	184	189583	101.759	ng	93
55) Dibenzofuran	10.145	168	887997	41.233	ng	99
56) 4-Nitrophenol	10.051	139	258869	89.074	ng	99
57) 2,4-Dinitrotoluene	10.128	165	207938	44.153	ng	99
58) Fluorene	10.486	166	684012	41.113	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	185384	42.958	ng	100
60) Diethylphthalate	10.363	149	686074	42.044	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	331634	40.576	ng	98
62) 4-Nitroaniline	10.504	138	156171	43.718	ng	98
63) Azobenzene	10.639	77	677666	46.237	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	115375	49.359	ng	100
66) n-Nitrosodiphenylamine	10.598	169	597917	41.726	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	203700	41.130	ng	98
68) Hexachlorobenzene	11.039	284	234968	42.896	ng	97
69) Atrazine	11.128	200	180822	47.516	ng	100
70) Pentachlorophenol	11.228	266	273634	88.481	ng	99
71) Phenanthrene	11.451	178	926575	41.395	ng	99
72) Anthracene	11.504	178	957466	41.912	ng	99
73) Carbazole	11.657	167	833473	42.677	ng	100
74) Di-n-butylphthalate	11.986	149	983355	46.001	ng	100
75) Fluoranthene	12.639	202	893614	42.725	ng	98
77) Benzidine	12.763	184	377825	45.150	ng	99
78) Pyrene	12.869	202	881393	42.016	ng	100
80) Butylbenzylphthalate	13.486	149	300779	51.890	ng	99
81) Benzo(a)anthracene	14.057	228	635634	42.330	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	136420	29.953	ng	99
83) Chrysene	14.098	228	602154	44.628	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	383963	51.745	ng	99
85) Di-n-octyl phthalate	14.657	149	618171	42.606	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	799361	42.949	ng	99
88) Benzo(b)fluoranthene	15.121	252	683971	46.615	ng	98
89) Benzo(k)fluoranthene	15.151	252	541354	39.392	ng	98
90) Benzo(a)pyrene	15.498	252	610255	44.124	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	644627	42.704	ng	99
92) Benzo(g,h,i)perylene	17.533	276	650002	43.051	ng	98

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

