

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142075.D
 Acq On : 25 Mar 2025 13:37
 Operator : RC/JU
 Sample : PB167230BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167230BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/26/2025
 Supervised By :Jagrut Upadhyay 03/26/2025

Quant Time: Mar 25 14:16:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	128560	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	512281	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	298467	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	542673	20.000	ng	0.00
76) Chrysene-d12	14.033	240	312615	20.000	ng	0.00
86) Perylene-d12	15.509	264	273062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1102422	143.116	ng	0.01
7) Phenol-d6	6.504	99	1380409	140.749	ng	0.00
23) Nitrobenzene-d5	7.439	82	909188	99.878	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	660448	174.424	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1965183	100.134	ng	0.00
79) Terphenyl-d14	12.980	244	2528847	119.597	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	137594	42.631	ng	98
3) Pyridine	3.498	79	314658	39.744	ng	98
4) n-Nitrosodimethylamine	3.440	42	160465	42.519	ng	98
6) Aniline	6.534	93	377937	39.063	ng	95
8) 2-Chlorophenol	6.657	128	407414	47.689	ng	98
9) Benzaldehyde	6.422	77	100724	18.363	ng	97
10) Phenol	6.516	94	469630	45.516	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	346865	44.771	ng	97
12) 1,3-Dichlorobenzene	6.816	146	423428	45.908	ng	99
13) 1,4-Dichlorobenzene	6.892	146	434352	46.544	ng	99
14) 1,2-Dichlorobenzene	7.045	146	420657	47.857	ng	97
15) Benzyl Alcohol	7.016	79	351584	44.342	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	377879	40.400	ng	94
17) 2-Methylphenol	7.122	107	326487	48.064	ng	99
18) Hexachloroethane	7.386	117	163317	46.670	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	266744	42.327	ng	99
20) 3+4-Methylphenols	7.275	107	405374	46.591	ng	# 85
22) Acetophenone	7.281	105	603907	49.227	ng	97
24) Nitrobenzene	7.457	77	411607	45.484	ng	98
25) Isophorone	7.692	82	757744	47.091	ng	100
26) 2-Nitrophenol	7.769	139	221803	49.939	ng	99
27) 2,4-Dimethylphenol	7.804	122	353713	57.836	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	450569	44.644	ng	99
29) 2,4-Dichlorophenol	8.010	162	366422	48.270	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	387433	46.313	ng	99
31) Naphthalene	8.175	128	1184212	45.001	ng	100
32) Benzoic acid	7.928	122	280050	52.093	ng	97
33) 4-Chloroaniline	8.222	127	217609	23.425	ng	99
34) Hexachlorobutadiene	8.292	225	260851	47.813	ng	99
35) Caprolactam	8.592	113	124045m	53.598	ng	
36) 4-Chloro-3-methylphenol	8.704	107	405274	47.860	ng	98
37) 2-Methylnaphthalene	8.869	142	772054	43.893	ng	100
38) 1-Methylnaphthalene	8.969	142	762741	44.937	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	469831	51.703	ng	99
41) Hexachlorocyclopentadiene	9.022	237	545523	153.395	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	287922	48.482	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	294075	48.892	ng	99
46) 1,1'-Biphenyl	9.333	154	1151909	50.794	ng	99
47) 2-Chloronaphthalene	9.357	162	791832	46.846	ng	99
48) 2-Nitroaniline	9.451	65	233348	47.679	ng	97
49) Acenaphthylene	9.775	152	1234862	49.230	ng	100
50) Dimethylphthalate	9.633	163	976980	46.743	ng	100
51) 2,6-Dinitrotoluene	9.692	165	218479	50.205	ng	95
52) Acenaphthene	9.945	154	943722	53.537	ng	99
53) 3-Nitroaniline	9.863	138	141198	31.986	ng	97
54) 2,4-Dinitrophenol	9.975	184	253219	100.570	ng	# 45
55) Dibenzofuran	10.116	168	1146927	45.535	ng	100
56) 4-Nitrophenol	10.027	139	336834	101.183	ng	95
57) 2,4-Dinitrotoluene	10.098	165	306556	53.935	ng	99
58) Fluorene	10.463	166	920835	47.407	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	265171	48.448	ng	99
60) Diethylphthalate	10.333	149	975066	46.786	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	479116	47.312	ng	97
62) 4-Nitroaniline	10.480	138	203076	47.254	ng	98
63) Azobenzene	10.610	77	854649	44.109	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	171184	52.914	ng	93
66) n-Nitrosodiphenylamine	10.569	169	806727	45.938	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	317546	46.593	ng	99
68) Hexachlorobenzene	11.010	284	367251	49.131	ng	94
69) Atrazine	11.098	200	340037	63.162	ng	98
70) Pentachlorophenol	11.204	266	445667	96.769	ng	99
71) Phenanthrene	11.422	178	1397006	47.661	ng	99
72) Anthracene	11.474	178	1419006	48.254	ng	100
73) Carbazole	11.627	167	1187959	46.842	ng	100
74) Di-n-butylphthalate	11.957	149	1536584	45.662	ng	99
75) Fluoranthene	12.610	202	1440803	46.339	ng	99
77) Benzidine	12.727	184	254441	58.337	ng	99
78) Pyrene	12.839	202	1443323	53.374	ng	99
80) Butylbenzylphthalate	13.457	149	541486	51.160	ng	96
81) Benzo(a)anthracene	14.027	228	1000387	48.766	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	199472	33.648	ng	99
83) Chrysene	14.063	228	882028	47.433	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	725208	49.695	ng	99
85) Di-n-octyl phthalate	14.621	149	990154	48.764	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	750268	42.475	ng	97
88) Benzo(b)fluoranthene	15.074	252	871724	46.580	ng	100
89) Benzo(k)fluoranthene	15.104	252	707297	44.164	ng	99
90) Benzo(a)pyrene	15.445	252	734595	50.166	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	602089	41.312	ng	99
92) Benzo(g,h,i)perylene	17.445	276	550913	38.252	ng	98

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

