

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142096.D
 Acq On : 26 Mar 2025 14:36
 Operator : RC/JU
 Sample : PB167310BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167310BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/27/2025
 Supervised By :Jagrut Upadhyay 03/27/2025

Quant Time: Mar 26 14:58:58 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	6.869	152	126237	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	477255	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	273347	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	496995	20.000	ng	0.00
76) Chrysene-d12	14.039	240	337990	20.000	ng	0.00
86) Perylene-d12	15.510	264	323857	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1104730	146.055	ng	0.00
7) Phenol-d6	6.504	99	1346472	139.815	ng	0.00
23) Nitrobenzene-d5	7.434	82	884127	104.253	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	622165	179.414	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1857769	103.360	ng	-0.01
79) Terphenyl-d14	12.980	244	2456904	107.471	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	137024	43.235	ng	97
3) Pyridine	3.475	79	364765	46.921	ng	98
4) n-Nitrosodimethylamine	3.422	42	171810	46.363	ng	98
6) Aniline	6.534	93	415971	43.785	ng	98
8) 2-Chlorophenol	6.657	128	425302	50.699	ng	97
9) Benzaldehyde	6.422	77	269350	50.009	ng	99
10) Phenol	6.516	94	482742	47.648	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	353126	46.418	ng	98
12) 1,3-Dichlorobenzene	6.810	146	452476	49.961	ng	99
13) 1,4-Dichlorobenzene	6.887	146	463227	50.552	ng	99
14) 1,2-Dichlorobenzene	7.040	146	437222	50.657	ng	98
15) Benzyl Alcohol	7.010	79	364688	46.841	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	383567	41.763	ng	96
17) 2-Methylphenol	7.122	107	330484	49.548	ng	99
18) Hexachloroethane	7.381	117	172237	50.124	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	268400	43.374	ng	99
20) 3+4-Methylphenols	7.275	107	410442	48.042	ng	# 86
22) Acetophenone	7.281	105	557122	48.746	ng	97
24) Nitrobenzene	7.451	77	421260	49.967	ng	99
25) Isophorone	7.692	82	758256	50.581	ng	99
26) 2-Nitrophenol	7.769	139	225120	54.405	ng	98
27) 2,4-Dimethylphenol	7.804	122	383131	67.244	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	449579	47.815	ng	99
29) 2,4-Dichlorophenol	8.010	162	356073	50.349	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	404022	51.840	ng	99
31) Naphthalene	8.175	128	1205964	49.191	ng	100
32) Benzoic acid	7.922	122	250973	50.111	ng	95
33) 4-Chloroaniline	8.222	127	138212	15.970	ng	98
34) Hexachlorobutadiene	8.292	225	270724	53.265	ng	99
35) Caprolactam	8.592	113	109814m	50.932	ng	
36) 4-Chloro-3-methylphenol	8.704	107	391492	49.625	ng	99
37) 2-Methylnaphthalene	8.869	142	728565	44.461	ng	100
38) 1-Methylnaphthalene	8.969	142	760843	48.115	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	425938	51.180	ng	99
41) Hexachlorocyclopentadiene	9.022	237	601425	184.655	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	273406	50.268	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	293009	53.191	ng	98
46) 1,1'-Biphenyl	9.334	154	1030110	49.598	ng	99
47) 2-Chloronaphthalene	9.357	162	777352	50.215	ng	99
48) 2-Nitroaniline	9.451	65	226346	50.499	ng	96
49) Acenaphthylene	9.775	152	1237960	53.889	ng	100
50) Dimethylphthalate	9.634	163	933212	48.753	ng	100
51) 2,6-Dinitrotoluene	9.692	165	210315	52.770	ng	95
52) Acenaphthene	9.945	154	906677	56.162	ng	100
53) 3-Nitroaniline	9.863	138	118092	29.211	ng	98
54) 2,4-Dinitrophenol	9.969	184	248763	107.402	ng	# 48
55) Dibenzofuran	10.116	168	1113940	48.290	ng	99
56) 4-Nitrophenol	10.028	139	346053	113.506	ng	95
57) 2,4-Dinitrotoluene	10.098	165	300789	57.783	ng	99
58) Fluorene	10.463	166	903758	50.804	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	266786	53.223	ng	97
60) Diethylphthalate	10.333	149	917722	48.081	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	462075	49.823	ng	98
62) 4-Nitroaniline	10.481	138	216406	54.983	ng	97
63) Azobenzene	10.610	77	817943	46.094	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	172708	58.292	ng	93
66) n-Nitrosodiphenylamine	10.569	169	785412	48.835	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	307368	49.244	ng	99
68) Hexachlorobenzene	11.010	284	364796	53.288	ng	93
69) Atrazine	11.098	200	296758	60.190	ng	99
70) Pentachlorophenol	11.204	266	424414	100.624	ng	99
71) Phenanthrene	11.422	178	1388418	51.721	ng	99
72) Anthracene	11.475	178	1408266	52.290	ng	100
73) Carbazole	11.628	167	1222898	52.651	ng	100
74) Di-n-butylphthalate	11.957	149	1450020	47.050	ng	99
75) Fluoranthene	12.610	202	1466917	51.515	ng	99
77) Benzidine	12.733	184	554493	117.587	ng	100
78) Pyrene	12.839	202	1435225	49.090	ng	100
80) Butylbenzylphthalate	13.457	149	523190	45.720	ng	97
81) Benzo(a)anthracene	14.027	228	1138376	51.327	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	149177	23.275	ng	98
83) Chrysene	14.063	228	1031945	51.329	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	678861	43.026	ng	99
85) Di-n-octyl phthalate	14.627	149	999996	45.551	ng	97
87) Indeno(1,2,3-cd)pyrene	17.004	276	1026977	49.021	ng	97
88) Benzo(b)fluoranthene	15.080	252	996099	44.878	ng	99
89) Benzo(k)fluoranthene	15.110	252	999953	52.644	ng	99
90) Benzo(a)pyrene	15.451	252	948388	54.608	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	835575	48.340	ng	98
92) Benzo(g,h,i)perylene	17.451	276	767484	44.931	ng	97

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

