

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142421.D
 Acq On : 16 May 2025 12:11
 Operator : RC/JU
 Sample : PB167970BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167970BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 16 12:57:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	167037	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	659711	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	356050	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	608621	20.000	ng	0.00
76) Chrysene-d12	14.069	240	331822	20.000	ng	0.00
86) Perylene-d12	15.557	264	355407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1164348	118.993	ng	0.02
7) Phenol-d6	6.534	99	1420182	118.007	ng	0.01
23) Nitrobenzene-d5	7.469	82	871100	80.529	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	484546	140.955	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1801941	72.162	ng	0.00
79) Terphenyl-d14	13.016	244	1735001	77.390	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	133682	30.338	ng	98
3) Pyridine	3.528	79	384444	37.161	ng	97
4) n-Nitrosodimethylamine	3.481	42	225409	37.489	ng	96
6) Aniline	6.569	93	576888	48.871	ng	98
8) 2-Chlorophenol	6.687	128	461216	44.109	ng	98
9) Benzaldehyde	6.451	77	167403	23.766	ng	99
10) Phenol	6.546	94	562336	44.081	ng	93
11) bis(2-Chloroethyl)ether	6.640	93	423625	33.674	ng	98
12) 1,3-Dichlorobenzene	6.846	146	480111	40.134	ng	99
13) 1,4-Dichlorobenzene	6.922	146	489445	40.750	ng	99
14) 1,2-Dichlorobenzene	7.075	146	472138	40.953	ng	99
15) Benzyl Alcohol	7.045	79	370977	47.604	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	713809	37.996	ng	98
17) 2-Methylphenol	7.151	107	363135	42.896	ng	99
18) Hexachloroethane	7.416	117	169570	42.432	ng	100
19) n-Nitroso-di-n-propyla...	7.316	70	304020	40.840	ng	97
20) 3+4-Methylphenols	7.304	107	445069	42.126	ng	92
22) Acetophenone	7.310	105	582610	39.719	ng	94
24) Nitrobenzene	7.487	77	449567	44.090	ng	97
25) Isophorone	7.722	82	839557	40.986	ng	99
26) 2-Nitrophenol	7.798	139	248326	50.311	ng	100
27) 2,4-Dimethylphenol	7.834	122	439703	42.695	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	521371	39.583	ng	100
29) 2,4-Dichlorophenol	8.040	162	395052	45.119	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	411341	41.744	ng	99
31) Naphthalene	8.210	128	1293585	40.458	ng	99
32) Benzoic acid	7.957	122	312828m	54.459	ng	
33) 4-Chloroaniline	8.251	127	241926m	18.543	ng	
34) Hexachlorobutadiene	8.322	225	248948	42.665	ng	99
35) Caprolactam	8.622	113	126640m	49.628	ng	
36) 4-Chloro-3-methylphenol	8.734	107	401914	44.158	ng	99
37) 2-Methylnaphthalene	8.898	142	817950	41.170	ng	99
38) 1-Methylnaphthalene	8.998	142	847951	40.949	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	407313	40.960	ng	99
41) Hexachlorocyclopentadiene	9.051	237	560730	91.239	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	290741	46.352	ng	98

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44) 2,4,5-Trichlorophenol	9.216	196	312749	46.861	ng	98
46) 1,1'-Biphenyl	9.363	154	1113691	40.795	ng	99
47) 2-Chloronaphthalene	9.387	162	830419	40.903	ng	99
48) 2-Nitroaniline	9.481	65	261101	50.174	ng	94
49) Acenaphthylene	9.804	152	1405448	41.382	ng	100
50) Dimethylphthalate	9.663	163	985285	43.095	ng	100
51) 2,6-Dinitrotoluene	9.722	165	223276	52.173	ng	91
52) Acenaphthene	9.975	154	950791	46.559	ng	99
53) 3-Nitroaniline	9.892	138	164392	32.753	ng	94
54) 2,4-Dinitrophenol	9.998	184	271892	117.470	ng	# 1
55) Dibenzofuran	10.151	168	1232277	40.887	ng	100
56) 4-Nitrophenol	10.051	139	392129	103.808	ng	97
57) 2,4-Dinitrotoluene	10.128	165	301581	54.938	ng	95
58) Fluorene	10.492	166	942612	40.983	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	266546	48.380	ng	99
60) Diethylphthalate	10.363	149	970248	42.495	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	466522	42.042	ng	99
62) 4-Nitroaniline	10.510	138	232693	58.495	ng	99
63) Azobenzene	10.639	77	882138	40.432	ng	99
65) 4,6-Dinitro-2-methylph...	10.534	198	164675	56.540	ng	96
66) n-Nitrosodiphenylamine	10.604	169	854210	42.178	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	300785	43.607	ng	96
68) Hexachlorobenzene	11.039	284	335112	44.167	ng	95
69) Atrazine	11.128	200	256837	48.109	ng	100
70) Pentachlorophenol	11.233	266	411154	103.008	ng	99
71) Phenanthrene	11.457	178	1335202	41.853	ng	100
72) Anthracene	11.504	178	1371181	41.830	ng	100
73) Carbazole	11.657	167	1235690	42.018	ng	100
74) Di-n-butylphthalate	11.986	149	1397108	45.178	ng	100
75) Fluoranthene	12.639	202	1318375	41.341	ng	99
77) Benzidine	12.763	184	434342	72.028	ng	98
78) Pyrene	12.875	202	1300702	44.039	ng	99
80) Butylbenzylphthalate	13.486	149	405465	47.114	ng	98
81) Benzo(a)anthracene	14.057	228	937637	43.633	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	221534	44.331	ng	97
83) Chrysene	14.098	228	874922	43.735	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	534825	47.678	ng	99
85) Di-n-octyl phthalate	14.663	149	1001777	49.255	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1111678	44.965	ng	98
88) Benzo(b)fluoranthene	15.121	252	902016	41.905	ng	99
89) Benzo(k)fluoranthene	15.151	252	869422	44.136	ng	100
90) Benzo(a)pyrene	15.498	252	864988	44.843	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	906023	44.358	ng	98
92) Benzo(g,h,i)perylene	17.527	276	890132	43.909	ng	97

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

