

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141501.D
 Acq On : 07 Feb 2025 12:06
 Operator : RC/JU
 Sample : PB166567BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166567BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 02/10/2025
 Supervised By :mohammad ahmed 02/12/2025

Quant Time: Feb 07 12:26:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	86138	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	343914	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	192640	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	334566	20.000	ng	0.00
76) Chrysene-d12	13.957	240	239866	20.000	ng	0.00
86) Perylene-d12	15.415	264	194232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	756086	137.610	ng	0.00
7) Phenol-d6	6.434	99	954354	137.427	ng	0.00
23) Nitrobenzene-d5	7.357	82	629673	95.497	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	277538	143.419	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1191186	95.265	ng	0.00
79) Terphenyl-d14	12.904	244	1422177	100.093	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	92985	42.049	ng	99
3) Pyridine	3.310	79	217206	41.276	ng	99
4) n-Nitrosodimethylamine	3.257	42	151378	43.445	ng	99
6) Aniline	6.451	93	261367	40.122	ng	96
8) 2-Chlorophenol	6.575	128	266942	44.963	ng	98
9) Benzaldehyde	6.340	77	173590	47.040	ng	99
10) Phenol	6.445	94	321598	44.494	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	239612	44.136	ng	100
12) 1,3-Dichlorobenzene	6.728	146	272496	43.476	ng	98
13) 1,4-Dichlorobenzene	6.804	146	274288	42.832	ng	99
14) 1,2-Dichlorobenzene	6.957	146	264866	44.564	ng	99
15) Benzyl Alcohol	6.934	79	234884	44.107	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	404150	43.489	ng	85
17) 2-Methylphenol	7.051	107	213488	45.951	ng	98
18) Hexachloroethane	7.298	117	106033	44.740	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	183336	44.136	ng	99
20) 3+4-Methylphenols	7.204	107	270000	45.729	ng	98
22) Acetophenone	7.198	105	405607	47.411	ng	99
24) Nitrobenzene	7.375	77	279696	43.501	ng	99
25) Isophorone	7.610	82	500262	47.583	ng	100
26) 2-Nitrophenol	7.687	139	143094	44.733	ng	98
27) 2,4-Dimethylphenol	7.728	122	213123	57.031	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	300354	44.584	ng	100
29) 2,4-Dichlorophenol	7.934	162	225239	44.609	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	239119	43.489	ng	98
31) Naphthalene	8.092	128	768890	42.950	ng	100
32) Benzoic acid	7.863	122	186956	48.164	ng	99
33) 4-Chloroaniline	8.145	127	137022	21.923	ng	97
34) Hexachlorobutadiene	8.210	225	147047	44.548	ng	100
35) Caprolactam	8.516	113	79109m	51.459	ng	
36) 4-Chloro-3-methylphenol	8.634	107	252491	45.144	ng	99
37) 2-Methylnaphthalene	8.787	142	487319	41.832	ng	100
38) 1-Methylnaphthalene	8.886	142	479970	42.540	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	262644	47.125	ng	98
41) Hexachlorocyclopentadiene	8.939	237	294545	158.893	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	161585	44.858	ng	100

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44) 2,4,5-Trichlorophenol	9.110	196	172849	44.277	ng	99
46) 1,1'-Biphenyl	9.251	154	715696	47.921	ng	100
47) 2-Chloronaphthalene	9.275	162	488223	44.207	ng	99
48) 2-Nitroaniline	9.375	65	166466	44.913	ng	97
49) Acenaphthylene	9.686	152	751683	45.760	ng	99
50) Dimethylphthalate	9.551	163	579221	44.290	ng	100
51) 2,6-Dinitrotoluene	9.616	165	128500	44.947	ng	99
52) Acenaphthene	9.863	154	472791	42.812	ng	99
53) 3-Nitroaniline	9.786	138	79210	25.742	ng	100
54) 2,4-Dinitrophenol	9.898	184	165771	97.563	ng	94
55) Dibenzofuran	10.033	168	685543	42.292	ng	100
56) 4-Nitrophenol	9.963	139	220768	96.650	ng	98
57) 2,4-Dinitrotoluene	10.022	165	177550	46.651	ng	99
58) Fluorene	10.375	166	546564	43.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	148475	44.176	ng	98
60) Diethylphthalate	10.251	149	562496	43.716	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	263390	43.682	ng	99
62) 4-Nitroaniline	10.404	138	132859	42.522	ng	98
63) Azobenzene	10.528	77	549166	42.932	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	104411	44.926	ng	93
66) n-Nitrosodiphenylamine	10.492	169	481543	44.963	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	166489	44.525	ng	96
68) Hexachlorobenzene	10.922	284	175664	45.623	ng	97
69) Atrazine	11.022	200	181900	56.615	ng	99
70) Pentachlorophenol	11.122	266	221721	90.057	ng	99
71) Phenanthrene	11.339	178	822042	44.636	ng	100
72) Anthracene	11.392	178	845599	45.676	ng	99
73) Carbazole	11.545	167	748904	44.958	ng	100
74) Di-n-butylphthalate	11.880	149	862929	44.864	ng	100
75) Fluoranthene	12.527	202	872480	44.685	ng	100
77) Benzidine	12.651	184	375680	71.016	ng	99
78) Pyrene	12.757	202	897451	43.952	ng	100
80) Butylbenzylphthalate	13.380	149	347546	49.140	ng	99
81) Benzo(a)anthracene	13.945	228	730557	45.818	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	148747	32.567	ng	100
83) Chrysene	13.986	228	633579	43.035	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	423571	53.101	ng	99
85) Di-n-octyl phthalate	14.563	149	588899	51.751	ng	100
87) Indeno(1,2,3-cd)pyrene	16.857	276	545937	45.489	ng	99
88) Benzo(b)fluoranthene	14.992	252	574722	44.068	ng	99
89) Benzo(k)fluoranthene	15.021	252	500225	44.918	ng	99
90) Benzo(a)pyrene	15.351	252	498225	47.212	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	438007	45.041	ng	99
92) Benzo(g,h,i)perylene	17.292	276	421766	41.446	ng	99

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

