

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141942.D
 Acq On : 13 Mar 2025 13:47
 Operator : RC/JU
 Sample : PB167097BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167097BSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/14/2025
 Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 13 14:35:48 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	178366	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	702401	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	401749	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	683407	20.000	ng	0.00
76) Chrysene-d12	14.033	240	437316	20.000	ng	0.00
86) Perylene-d12	15.504	264	392710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1413436	132.254	ng	0.02
7) Phenol-d6	6.504	99	1756797	129.108	ng	0.00
23) Nitrobenzene-d5	7.439	82	1163264	93.200	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	771672	151.406	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2478502	93.823	ng	0.00
79) Terphenyl-d14	12.980	244	2991728	101.143	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	187189	41.802	ng	99
3) Pyridine	3.534	79	435192	39.620	ng	99
4) n-Nitrosodimethylamine	3.481	42	222631	42.519	ng	100
6) Aniline	6.540	93	484108	36.064	ng	100
8) 2-Chlorophenol	6.663	128	523341	44.153	ng	99
9) Benzaldehyde	6.428	77	161299	21.195	ng	100
10) Phenol	6.516	94	614836	42.950	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	460371	42.829	ng	99
12) 1,3-Dichlorobenzene	6.816	146	547988	42.823	ng	100
13) 1,4-Dichlorobenzene	6.892	146	556911	43.013	ng	100
14) 1,2-Dichlorobenzene	7.045	146	534852	43.858	ng	99
15) Benzyl Alcohol	7.016	79	471295	42.842	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	523711	40.357	ng	99
17) 2-Methylphenol	7.122	107	419477	44.510	ng	98
18) Hexachloroethane	7.387	117	207547	42.748	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	358439	40.995	ng	100
20) 3+4-Methylphenols	7.275	107	531297	44.013	ng	94
22) Acetophenone	7.287	105	793124	47.151	ng	99
24) Nitrobenzene	7.457	77	541451	43.637	ng	100
25) Isophorone	7.698	82	997958	45.232	ng	100
26) 2-Nitrophenol	7.775	139	279514	45.898	ng	99
27) 2,4-Dimethylphenol	7.804	122	459597	54.809	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	590404	42.665	ng	99
29) 2,4-Dichlorophenol	8.010	162	455855	43.797	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	495238	43.176	ng	98
31) Naphthalene	8.181	128	1520406	42.138	ng	100
32) Benzoic acid	7.934	122	383964	52.090	ng	99
33) 4-Chloroaniline	8.222	127	231327	18.162	ng	99
34) Hexachlorobutadiene	8.298	225	329952	44.109	ng	99
35) Caprolactam	8.598	113	155078m	48.870	ng	
36) 4-Chloro-3-methylphenol	8.704	107	500230	43.084	ng	98
37) 2-Methylnaphthalene	8.869	142	1001009	41.506	ng	100
38) 1-Methylnaphthalene	8.969	142	974037	41.853	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	583297	47.688	ng	97
41) Hexachlorocyclopentadiene	9.022	237	787555	164.521	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	360707	45.123	ng	99

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44) 2,4,5-Trichlorophenol	9.186	196	370018	45.703	ng	99
46) 1,1'-Biphenyl	9.334	154	1464225	47.967	ng	100
47) 2-Chloronaphthalene	9.363	162	994179	43.696	ng	99
48) 2-Nitroaniline	9.451	65	298045	45.243	ng	98
49) Acenaphthylene	9.775	152	1557169	46.120	ng	100
50) Dimethylphthalate	9.639	163	1194632	42.463	ng	100
51) 2,6-Dinitrotoluene	9.698	165	263529	44.989	ng	94
52) Acenaphthene	9.951	154	1177793	49.639	ng	98
53) 3-Nitroaniline	9.863	138	159486	26.841	ng	98
54) 2,4-Dinitrophenol	9.969	184	320573	94.980	ng	# 52
55) Dibenzofuran	10.122	168	1424322	42.011	ng	99
56) 4-Nitrophenol	10.022	139	435956	97.292	ng	99
57) 2,4-Dinitrotoluene	10.098	165	359870	47.038	ng	97
58) Fluorene	10.463	166	1136451	43.467	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	323646	43.930	ng	100
60) Diethylphthalate	10.339	149	1198598	42.727	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	594729	43.631	ng	99
62) 4-Nitroaniline	10.480	138	255806	44.221	ng	99
63) Azobenzene	10.616	77	1090059	41.795	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	203376	49.919	ng	95
66) n-Nitrosodiphenylamine	10.575	169	990749	44.799	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	379973	44.271	ng	97
68) Hexachlorobenzene	11.010	284	442267	46.983	ng	95
69) Atrazine	11.098	200	400827	59.122	ng	99
70) Pentachlorophenol	11.204	266	554214	95.557	ng	99
71) Phenanthrene	11.427	178	1661922	45.023	ng	100
72) Anthracene	11.475	178	1697853	45.846	ng	100
73) Carbazole	11.627	167	1421538	44.509	ng	100
74) Di-n-butylphthalate	11.957	149	1824481	43.052	ng	100
75) Fluoranthene	12.610	202	1694947	43.287	ng	100
77) Benzidine	12.727	184	545926	89.476	ng	100
78) Pyrene	12.839	202	1692747	44.748	ng	99
80) Butylbenzylphthalate	13.457	149	646504	43.665	ng	98
81) Benzo(a)anthracene	14.021	228	1329501	46.329	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	247002	29.785	ng	99
83) Chrysene	14.063	228	1152190	44.293	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	866554	42.448	ng	99
85) Di-n-octyl phthalate	14.627	149	1235348	43.491	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1234216	48.584	ng	98
88) Benzo(b)fluoranthene	15.074	252	1060224	39.392	ng	99
89) Benzo(k)fluoranthene	15.104	252	1055343	45.819	ng	99
90) Benzo(a)pyrene	15.445	252	995119	47.252	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	1018402	48.588	ng	99
92) Benzo(g,h,i)perylene	17.445	276	942720	45.514	ng	98

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

