

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052325\
 Data File : BP024790.D
 Acq On : 23 May 2025 13:01
 Operator : RC/JU
 Sample : PB168131BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168131BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/27/2025
 Supervised By :Jagrut Upadhyay 05/27/2025

Quant Time: May 23 14:08:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	93522	20.000	ng	-0.02
21) Naphthalene-d8	10.416	136	371862	20.000	ng	-0.02
39) Acenaphthene-d10	14.281	164	250920	20.000	ng	-0.02
64) Phenanthrene-d10	17.081	188	520912	20.000	ng	-0.02
76) Chrysene-d12	21.510	240	672344	20.000	ng	-0.01
86) Perylene-d12	24.786	264	792756	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	727011	132.959	ng	0.00
7) Phenol-d6	6.852	99	868664	124.476	ng	0.00
23) Nitrobenzene-d5	8.799	82	531519	72.220	ng	-0.01
42) 2,4,6-Tribromophenol	15.804	330	683855	160.763	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1448595	75.635	ng	-0.01
79) Terphenyl-d14	19.804	244	3112803	79.387	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	78857	30.712	ng	98
3) Pyridine	3.611	79	192256	33.769	ng	94
4) n-Nitrosodimethylamine	3.523	42	102688	40.856	ng	85
6) Aniline	6.993	93	180754	20.062	ng	98
8) 2-Chlorophenol	7.228	128	275007	44.304	ng	97
9) Benzaldehyde	6.805	77	148211	32.808	ng	96
10) Phenol	6.875	94	301554	41.866	ng	96
11) bis(2-Chloroethyl)ether	7.081	93	215390	36.393	ng	99
12) 1,3-Dichlorobenzene	7.540	146	298849	41.847	ng	98
13) 1,4-Dichlorobenzene	7.681	146	302668	42.139	ng	99
14) 1,2-Dichlorobenzene	7.993	146	291841	41.698	ng	99
15) Benzyl Alcohol	7.899	79	216861	40.893	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	255499	36.047	ng	98
17) 2-Methylphenol	8.105	107	220165	42.618	ng	98
18) Hexachloroethane	8.711	117	110626	40.192	ng	96
19) n-Nitroso-di-n-propyla...	8.452	70	170072	35.231	ng	95
20) 3+4-Methylphenols	8.434	107	294493	41.907	ng	99
22) Acetophenone	8.463	105	384590	41.403	ng	99
24) Nitrobenzene	8.840	77	257173	39.707	ng	95
25) Isophorone	9.363	82	484904	37.983	ng	96
26) 2-Nitrophenol	9.546	139	147995	46.632	ng	97
27) 2,4-Dimethylphenol	9.616	122	256454	45.832	ng	98
28) bis(2-Chloroethoxy)met...	9.834	93	291154	38.173	ng	98
29) 2,4-Dichlorophenol	10.093	162	260562	48.053	ng	98
30) 1,2,4-Trichlorobenzene	10.281	180	273730	44.798	ng	98
31) Naphthalene	10.463	128	831469	43.148	ng	100
32) Benzoic acid	9.793	122	156368	41.364	ng	98
33) 4-Chloroaniline	10.599	127	115647	14.872	ng	98
34) Hexachlorobutadiene	10.746	225	183605	46.384	ng	98
35) Caprolactam	11.393	113	87745	44.726	ng	94
36) 4-Chloro-3-methylphenol	11.734	107	299087	45.230	ng	100
37) 2-Methylnaphthalene	12.081	142	536037	42.960	ng	99
38) 1-Methylnaphthalene	12.304	142	568037	42.547	ng	100
40) 1,2,4,5-Tetrachloroben...	12.457	216	321506	44.124	ng	100
41) Hexachlorocyclopentadiene	12.434	237	438661	99.284	ng	97
43) 2,4,6-Trichlorophenol	12.710	196	226367	47.964	ng	100

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44) 2,4,5-Trichlorophenol	12.799	196	251236	47.824	ng	96
46) 1,1'-Biphenyl	13.104	154	792925	42.755	ng	98
47) 2-Chloronaphthalene	13.146	162	610868	43.199	ng	100
48) 2-Nitroaniline	13.363	65	176251	42.100	ng	96
49) Acenaphthylene	13.998	152	1024993	43.314	ng	99
50) Dimethylphthalate	13.746	163	853576	44.631	ng	100
51) 2,6-Dinitrotoluene	13.863	165	182801	45.257	ng	95
52) Acenaphthene	14.346	154	582259	42.800	ng	100
53) 3-Nitroaniline	14.204	138	81557	19.775	ng	92
54) 2,4-Dinitrophenol	14.428	184	226925	88.367	ng	95
55) Dibenzofuran	14.687	168	940373	43.337	ng	99
56) 4-Nitrophenol	14.557	139	286124	80.127	ng	94
57) 2,4-Dinitrotoluene	14.669	165	271663	47.707	ng	96
58) Fluorene	15.351	166	776143	43.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	238725	48.986	ng	94
60) Diethylphthalate	15.122	149	864406	44.718	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	393161	44.557	ng	97
62) 4-Nitroaniline	15.393	138	186011m	46.710	ng	
63) Azobenzene	15.645	77	659187	39.863	ng	93
65) 4,6-Dinitro-2-methylph...	15.445	198	157753	46.884	ng	99
66) n-Nitrosodiphenylamine	15.569	169	705742	44.108	ng	98
67) 4-Bromophenyl-phenylether	16.263	248	284032	46.273	ng	95
68) Hexachlorobenzene	16.381	284	366390	46.975	ng	92
69) Atrazine	16.551	200	289878	49.436	ng	99
70) Pentachlorophenol	16.740	266	493320	112.674	ng	98
71) Phenanthrene	17.128	178	1279375	44.180	ng	100
72) Anthracene	17.228	178	1326851	45.541	ng	100
73) Carbazole	17.516	167	1226337	46.504	ng	99
74) Di-n-butylphthalate	18.086	149	1600642	47.197	ng	100
75) Fluoranthene	19.204	202	1604048	47.387	ng	98
77) Benzidine	19.422	184	540768	29.531	ng	99
78) Pyrene	19.581	202	1682916	41.775	ng	99
80) Butylbenzylphthalate	20.533	149	791887	44.199	ng	92
81) Benzo(a)anthracene	21.492	228	1900210	45.010	ng	99
82) 3,3'-Dichlorobenzidine	21.416	252	456351	29.103	ng	100
83) Chrysene	21.563	228	1773321	44.311	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	1224831	46.511	ng	100
85) Di-n-octyl phthalate	22.669	149	2134359	49.563	ng	99
87) Indeno(1,2,3-cd)pyrene	28.504	276	2638560	45.590	ng	# 90
88) Benzo(b)fluoranthene	23.757	252	2057849	45.351	ng	99
89) Benzo(k)fluoranthene	23.827	252	2135303	45.668	ng	99
90) Benzo(a)pyrene	24.633	252	1986376	45.580	ng	98
91) Dibenzo(a,h)anthracene	28.586	278	2174061	46.174	ng	98
92) Benzo(g,h,i)perylene	29.662	276	2105686	44.972	ng	97

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

