

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142666.D
 Acq On : 07 Jun 2025 02:38
 Operator : RC/JU
 Sample : PB168300BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168300BS

Quant Time: Jun 07 04:27:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli

06/09/2025

Supervised By :Jagrut

Upadhyay

06/09/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	129746	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	499499	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	262463	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	403433	20.000	ng	0.00
76) Chrysene-d12	14.069	240	233944	20.000	ng	0.00
86) Perylene-d12	15.563	264	279650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	881649	114.482	ng	0.00
7) Phenol-d6	6.528	99	1062922	114.658	ng	0.00
23) Nitrobenzene-d5	7.457	82	654198	71.417	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	325003	111.570	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1388061	70.966	ng	-0.01
79) Terphenyl-d14	13.010	244	1094203	63.916	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	107007	34.723	ng	99
3) Pyridine	3.505	79	301721	38.447	ng	96
4) n-Nitrosodimethylamine	3.458	42	158935	39.006	ng	90
6) Aniline	6.557	93	436981	35.057	ng	98
8) 2-Chlorophenol	6.681	128	355566	42.389	ng	99
9) Benzaldehyde	6.446	77	182254	32.687	ng	99
10) Phenol	6.540	94	417929	40.066	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	315811	42.059	ng	99
12) 1,3-Dichlorobenzene	6.834	146	376931	40.270	ng	99
13) 1,4-Dichlorobenzene	6.910	146	383021	40.624	ng	98
14) 1,2-Dichlorobenzene	7.063	146	372397	41.277	ng	99
15) Benzyl Alcohol	7.034	79	281480	41.087	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	511225	40.542	ng	97
17) 2-Methylphenol	7.146	107	274517	41.917	ng	98
18) Hexachloroethane	7.404	117	134293	40.790	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	227590	39.613	ng	96
20) 3+4-Methylphenols	7.298	107	333742	39.794	ng	98
22) Acetophenone	7.304	105	444849	40.231	ng	98
24) Nitrobenzene	7.481	77	335594	40.620	ng	98
25) Isophorone	7.716	82	627388	40.965	ng	98
26) 2-Nitrophenol	7.793	139	195562	44.300	ng	96
27) 2,4-Dimethylphenol	7.828	122	328360	42.178	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	399860	41.795	ng	99
29) 2,4-Dichlorophenol	8.034	162	299402	42.289	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	319279	41.553	ng	98
31) Naphthalene	8.198	128	1005481	40.881	ng	100
32) Benzoic acid	7.951	122	206323	43.537	ng	96
33) 4-Chloroaniline	8.245	127	255966	25.684	ng	99
34) Hexachlorobutadiene	8.316	225	193395	40.310	ng	99
35) Caprolactam	8.616	113	90562m	45.544	ng	
36) 4-Chloro-3-methylphenol	8.728	107	293804	40.492	ng	96
37) 2-Methylnaphthalene	8.892	142	627018	40.523	ng	99
38) 1-Methylnaphthalene	8.992	142	646049	40.365	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	320694	42.565	ng	99
41) Hexachlorocyclopentadiene	9.045	237	402119	79.119	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	220896	43.480	ng	97

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44) 2,4,5-Trichlorophenol	9.210	196	220515	41.156	ng	99
46) 1,1'-Biphenyl	9.357	154	842212	41.361	ng	99
47) 2-Chloronaphthalene	9.381	162	627233	41.692	ng	99
48) 2-Nitroaniline	9.475	65	184636	42.460	ng	100
49) Acenaphthylene	9.798	152	1043369	41.072	ng	100
50) Dimethylphthalate	9.657	163	733616	42.361	ng	99
51) 2,6-Dinitrotoluene	9.722	165	160344	42.898	ng	97
52) Acenaphthene	9.969	154	697388	44.958	ng	99
53) 3-Nitroaniline	9.886	138	127748	31.291	ng	97
54) 2,4-Dinitrophenol	9.998	184	181814	94.151	ng	92
55) Dibenzofuran	10.145	168	909898	40.762	ng	98
56) 4-Nitrophenol	10.051	139	241423	80.145	ng	97
57) 2,4-Dinitrotoluene	10.122	165	214308	43.903	ng	99
58) Fluorene	10.486	166	683464	39.632	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	184952	41.349	ng	97
60) Diethylphthalate	10.357	149	699405	41.351	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	339739	40.104	ng	98
62) 4-Nitroaniline	10.504	138	151273	40.855	ng	96
63) Azobenzene	10.639	77	611635	40.261	ng	98
65) 4,6-Dinitro-2-methylph...	10.534	198	113352	50.346	ng	97
66) n-Nitrosodiphenylamine	10.598	169	602700	43.667	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	208232	43.652	ng	98
68) Hexachlorobenzene	11.033	284	228522	43.313	ng	99
69) Atrazine	11.122	200	174225	47.531	ng	99
70) Pentachlorophenol	11.228	266	241415	81.045	ng	99
71) Phenanthrene	11.451	178	892053	41.375	ng	100
72) Anthracene	11.504	178	922552	41.927	ng	99
73) Carbazole	11.657	167	772090	41.045	ng	100
74) Di-n-butylphthalate	11.980	149	906917	44.046	ng	99
75) Fluoranthene	12.639	202	790820	39.255	ng	98
77) Benzidine	12.757	184	414338	47.594	ng	100
78) Pyrene	12.869	202	785626	35.999	ng	99
80) Butylbenzylphthalate	13.480	149	292418	48.492	ng	99
81) Benzo(a)anthracene	14.057	228	680299	43.548	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	152060	32.092	ng	99
83) Chrysene	14.092	228	628994	44.810	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	428082	55.454	ng	99
85) Di-n-octyl phthalate	14.657	149	782489	51.840	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	752852	35.860	ng	99
88) Benzo(b)fluoranthene	15.121	252	703727	42.519	ng	98
89) Benzo(k)fluoranthene	15.151	252	714412	46.086	ng	99
90) Benzo(a)pyrene	15.498	252	692675	44.400	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	615458	36.145	ng	99
92) Benzo(g,h,i)perylene	17.533	276	575762	33.807	ng	98

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

