

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142568.D
 Acq On : 30 May 2025 14:18
 Operator : RC/JU
 Sample : PB168211BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168211BS

Quant Time: May 30 17:24:36 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	122043	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	476655	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	264068	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	470473	20.000	ng	0.00
76) Chrysene-d12	14.074	240	271265	20.000	ng	0.00
86) Perylene-d12	15.568	264	242037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	852680	117.709	ng	0.01
7) Phenol-d6	6.528	99	1047774	120.158	ng	0.00
23) Nitrobenzene-d5	7.463	82	640818	73.309	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	372617	127.137	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1387067	70.484	ng	0.00
79) Terphenyl-d14	13.015	244	1462423	73.672	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	103387	35.666	ng	99
3) Pyridine	3.528	79	287654	38.968	ng	98
4) n-Nitrosodimethylamine	3.481	42	153912	40.157	ng	93
6) Aniline	6.563	93	386546	32.968	ng	100
8) 2-Chlorophenol	6.681	128	334430	42.385	ng	98
9) Benzaldehyde	6.451	77	176933	33.735	ng	99
10) Phenol	6.545	94	407345	41.516	ng	94
11) bis(2-Chloroethyl)ether	6.634	93	294278	41.665	ng	99
12) 1,3-Dichlorobenzene	6.839	146	348789	39.616	ng	99
13) 1,4-Dichlorobenzene	6.916	146	351735	39.660	ng	98
14) 1,2-Dichlorobenzene	7.069	146	345320	40.692	ng	99
15) Benzyl Alcohol	7.039	79	276133	42.851	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	478931	40.378	ng	99
17) 2-Methylphenol	7.151	107	265099	43.034	ng	99
18) Hexachloroethane	7.410	117	124413	40.175	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	216777	40.112	ng	99
20) 3+4-Methylphenols	7.304	107	331352	42.003	ng	98
22) Acetophenone	7.310	105	431045	40.851	ng	99
24) Nitrobenzene	7.481	77	327349	41.521	ng	98
25) Isophorone	7.722	82	603262	41.277	ng	98
26) 2-Nitrophenol	7.798	139	184515	43.800	ng	96
27) 2,4-Dimethylphenol	7.833	122	319426	42.997	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	377464	41.345	ng	99
29) 2,4-Dichlorophenol	8.039	162	294165	43.541	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	297631	40.592	ng	98
31) Naphthalene	8.204	128	964027	41.074	ng	100
32) Benzoic acid	7.957	122	216728	47.925	ng	95
33) 4-Chloroaniline	8.251	127	199850	21.014	ng	98
34) Hexachlorobutadiene	8.322	225	179561	39.221	ng	99
35) Caprolactam	8.622	113	95942m	50.562	ng	
36) 4-Chloro-3-methylphenol	8.733	107	307511	44.413	ng	99
37) 2-Methylnaphthalene	8.898	142	603358	40.862	ng	100
38) 1-Methylnaphthalene	8.998	142	628687	41.163	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	306920	40.489	ng	99
41) Hexachlorocyclopentadiene	9.051	237	409386	80.059	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	218158	42.680	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	237861	44.123	ng	98
46) 1,1'-Biphenyl	9.363	154	838760	40.941	ng	99
47) 2-Chloronaphthalene	9.386	162	621764	41.077	ng	99
48) 2-Nitroaniline	9.480	65	194996	44.570	ng	99
49) Acenaphthylene	9.804	152	1077928	42.174	ng	100
50) Dimethylphthalate	9.663	163	767183	44.030	ng	100
51) 2,6-Dinitrotoluene	9.727	165	170243	45.269	ng	96
52) Acenaphthene	9.974	154	726019	46.519	ng	99
53) 3-Nitroaniline	9.892	138	122177	29.745	ng	99
54) 2,4-Dinitrophenol	10.004	184	208199	107.159	ng	92
55) Dibenzofuran	10.151	168	943056	41.990	ng	99
56) 4-Nitrophenol	10.057	139	297298	98.094	ng	99
57) 2,4-Dinitrotoluene	10.133	165	232579	47.356	ng	98
58) Fluorene	10.492	166	737241	42.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	200089	44.461	ng	99
60) Diethylphthalate	10.363	149	750725	44.116	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	360489	42.294	ng	98
62) 4-Nitroaniline	10.510	138	183943	49.377	ng	97
63) Azobenzene	10.645	77	661165	43.257	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	131023	49.902	ng	100
66) n-Nitrosodiphenylamine	10.604	169	657232	40.832	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	229459	41.247	ng	98
68) Hexachlorobenzene	11.039	284	253935	41.271	ng	99
69) Atrazine	11.127	200	207887	48.633	ng	99
70) Pentachlorophenol	11.239	266	304411	87.631	ng	99
71) Phenanthrene	11.457	178	1049379	41.736	ng	99
72) Anthracene	11.510	178	1083954	42.242	ng	99
73) Carbazole	11.663	167	987084	44.996	ng	100
74) Di-n-butylphthalate	11.986	149	1125656	46.879	ng	99
75) Fluoranthene	12.645	202	1074252	45.725	ng	98
77) Benzidine	12.768	184	437383	43.328	ng	99
78) Pyrene	12.874	202	1070790	42.315	ng	99
80) Butylbenzylphthalate	13.492	149	358852	51.321	ng	97
81) Benzo(a)anthracene	14.062	228	811376	44.793	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	131683	23.968	ng	99
83) Chrysene	14.104	228	682489	41.931	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	409441	45.742	ng	99
85) Di-n-octyl phthalate	14.662	149	624867	35.702	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	748803	41.209	ng	99
88) Benzo(b)fluoranthene	15.127	252	663382	46.310	ng	98
89) Benzo(k)fluoranthene	15.162	252	589241	43.918	ng	99
90) Benzo(a)pyrene	15.509	252	605231	44.823	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	612544	41.564	ng	100
92) Benzo(g,h,i)perylene	17.550	276	603462	40.939	ng	98

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

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