

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142556.D
 Acq On : 27 May 2025 12:11
 Operator : RC/JU
 Sample : PB168143BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168143BS

Quant Time: May 27 12:43:15 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	120106	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	472385	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264185	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	473279	20.000	ng	0.00
76) Chrysene-d12	14.074	240	277045	20.000	ng	0.00
86) Perylene-d12	15.562	264	252806	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	856446	120.136	ng	0.01
7) Phenol-d6	6.528	99	1065890	124.207	ng	0.00
23) Nitrobenzene-d5	7.463	82	654131	75.508	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	386188	131.709	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1404017	71.314	ng	0.00
79) Terphenyl-d14	13.016	244	1530542	75.495	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	104221	36.534	ng	99
3) Pyridine	3.516	79	292099	40.209	ng	98
4) n-Nitrosodimethylamine	3.475	42	159374	42.253	ng	94
6) Aniline	6.563	93	296587	25.704	ng	100
8) 2-Chlorophenol	6.681	128	343078	44.183	ng	98
9) Benzaldehyde	6.451	77	198272	38.414	ng	100
10) Phenol	6.545	94	410821	42.545	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	304203	43.765	ng	100
12) 1,3-Dichlorobenzene	6.839	146	360722	41.632	ng	99
13) 1,4-Dichlorobenzene	6.916	146	366370	41.977	ng	99
14) 1,2-Dichlorobenzene	7.069	146	349809	41.886	ng	100
15) Benzyl Alcohol	7.039	79	280767	44.273	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	497464	42.617	ng	99
17) 2-Methylphenol	7.151	107	268857	44.348	ng	99
18) Hexachloroethane	7.410	117	126639	41.553	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	223290	41.984	ng	100
20) 3+4-Methylphenols	7.304	107	337484	43.470	ng	98
22) Acetophenone	7.310	105	443941	42.453	ng	99
24) Nitrobenzene	7.481	77	335756	42.972	ng	98
25) Isophorone	7.722	82	619154	42.747	ng	99
26) 2-Nitrophenol	7.798	139	188155	45.068	ng	97
27) 2,4-Dimethylphenol	7.833	122	326008	44.280	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	392401	43.370	ng	99
29) 2,4-Dichlorophenol	8.039	162	299491	44.730	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	311109	42.814	ng	97
31) Naphthalene	8.204	128	985458	42.367	ng	100
32) Benzoic acid	7.957	122	224657	50.127	ng	98
33) 4-Chloroaniline	8.251	127	80502	8.541	ng	99
34) Hexachlorobutadiene	8.322	225	187381	41.299	ng	99
35) Caprolactam	8.628	113	96060m	51.082	ng	
36) 4-Chloro-3-methylphenol	8.733	107	313802	45.731	ng	98
37) 2-Methylnaphthalene	8.898	142	614795	42.013	ng	100
38) 1-Methylnaphthalene	8.998	142	648412	42.838	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	315760	41.637	ng	99
41) Hexachlorocyclopentadiene	9.051	237	433295	84.697	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	223459	43.698	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	239172	44.347	ng	99
46) 1,1'-Biphenyl	9.363	154	855433	41.737	ng	100
47) 2-Chloronaphthalene	9.386	162	641978	42.394	ng	99
48) 2-Nitroaniline	9.480	65	199170	45.503	ng	99
49) Acenaphthylene	9.804	152	1085030	42.433	ng	99
50) Dimethylphthalate	9.663	163	788495	45.233	ng	99
51) 2,6-Dinitrotoluene	9.727	165	174336	46.337	ng	97
52) Acenaphthene	9.975	154	740615	47.433	ng	100
53) 3-Nitroaniline	9.892	138	82927	20.180	ng	98
54) 2,4-Dinitrophenol	10.004	184	206525	106.250	ng	92
55) Dibenzofuran	10.151	168	969659	43.156	ng	99
56) 4-Nitrophenol	10.057	139	306914	101.222	ng	99
57) 2,4-Dinitrotoluene	10.133	165	242041	49.261	ng	98
58) Fluorene	10.492	166	748792	43.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	206439	45.851	ng	100
60) Diethylphthalate	10.363	149	774294	45.480	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	371060	43.515	ng	98
62) 4-Nitroaniline	10.510	138	185925	49.886	ng	98
63) Azobenzene	10.645	77	683843	44.721	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	131063	49.622	ng	99
66) n-Nitrosodiphenylamine	10.604	169	672871	41.556	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	235538	42.089	ng	98
68) Hexachlorobenzene	11.039	284	265736	42.933	ng	99
69) Atrazine	11.127	200	217691	50.625	ng	99
70) Pentachlorophenol	11.233	266	314101	89.884	ng	99
71) Phenanthrene	11.457	178	1090302	43.107	ng	100
72) Anthracene	11.510	178	1102148	42.697	ng	99
73) Carbazole	11.663	167	1013432	45.924	ng	100
74) Di-n-butylphthalate	11.986	149	1174359	48.617	ng	99
75) Fluoranthene	12.645	202	1124554	47.583	ng	98
77) Benzidine	12.763	184	357353	34.662	ng	99
78) Pyrene	12.874	202	1125782	43.560	ng	100
80) Butylbenzylphthalate	13.486	149	375686	52.608	ng	99
81) Benzo(a)anthracene	14.063	228	812818	43.937	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	90586	16.144	ng	99
83) Chrysene	14.098	228	734102	44.161	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	436890	47.790	ng	99
85) Di-n-octyl phthalate	14.662	149	676762	37.861	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	805592	42.446	ng	99
88) Benzo(b)fluoranthene	15.127	252	663713	44.359	ng	98
89) Benzo(k)fluoranthene	15.157	252	640069	45.674	ng	98
90) Benzo(a)pyrene	15.504	252	637798	45.223	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	658445	42.776	ng	100
92) Benzo(g,h,i)perylene	17.545	276	654940	42.539	ng	98

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

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