

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144149.D
 Acq On : 30 Oct 2025 19:34
 Operator : RC/JU
 Sample : Q3486-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5MS

Quant Time: Oct 31 01:00:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63599	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	245703	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	125728	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	184113	20.000	ng	0.00
76) Chrysene-d12	14.057	240	161880	20.000	ng	0.00
86) Perylene-d12	15.539	264	216398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	397052	98.772	ng	0.01
7) Phenol-d6	6.510	99	448887	101.111	ng	0.00
23) Nitrobenzene-d5	7.439	82	291712	65.046	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	140908	87.983	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	557424	62.390	ng	0.00
79) Terphenyl-d14	12.992	244	449738	48.569	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	72674	41.837	ng	94
3) Pyridine	3.451	79	194968	41.924	ng	98
4) n-Nitrosodimethylamine	3.404	42	120256	42.083	ng	88
6) Aniline	6.540	93	182880	28.794	ng	93
8) 2-Chlorophenol	6.663	128	180203	45.520	ng	100
9) Benzaldehyde	6.428	77	121401	35.220	ng	98
10) Phenol	6.522	94	248482	45.367	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	185881	46.967	ng	99
12) 1,3-Dichlorobenzene	6.822	146	227310	46.548	ng	98
13) 1,4-Dichlorobenzene	6.898	146	230634	47.923	ng	98
14) 1,2-Dichlorobenzene	7.045	146	217783	46.768	ng	99
15) Benzyl Alcohol	7.022	79	174708	48.397	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	347079	46.661	ng	97
17) 2-Methylphenol	7.134	107	144212	47.364	ng	93
18) Hexachloroethane	7.392	117	77270	44.909	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	138105	48.105	ng	94
20) 3+4-Methylphenols	7.287	107	165016	45.846	ng	# 79
22) Acetophenone	7.287	105	240537	45.299	ng	96
24) Nitrobenzene	7.463	77	211246	44.528	ng	99
25) Isophorone	7.698	82	359486	45.849	ng	99
26) 2-Nitrophenol	7.775	139	105874	46.912	ng	96
27) 2,4-Dimethylphenol	7.810	122	165951	49.481	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	224126	45.837	ng	98
29) 2,4-Dichlorophenol	8.022	162	169561	43.474	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	189077	47.122	ng	98
31) Naphthalene	8.181	128	505540	43.594	ng	98
32) Benzoic acid	7.922	122	83768	39.376	ng	89
33) 4-Chloroaniline	8.234	127	44444	11.009	ng	95
34) Hexachlorobutadiene	8.298	225	136386	41.569	ng	98
35) Caprolactam	8.598	113	43356	44.329	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	148236	43.068	ng	98
37) 2-Methylnaphthalene	8.875	142	316977	41.458	ng	96
38) 1-Methylnaphthalene	8.975	142	313882	43.332	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	199787	46.236	ng	99
41) Hexachlorocyclopentadiene	9.028	237	182633	136.844	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	132806	47.285	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	130388	44.234	ng	97
46) 1,1'-Biphenyl	9.339	154	416330	46.258	ng	100
47) 2-Chloronaphthalene	9.363	162	343186	45.514	ng	98
48) 2-Nitroaniline	9.463	65	97369	43.487	ng	93
49) Acenaphthylene	9.781	152	527676	51.902	ng	99
50) Dimethylphthalate	9.639	163	376906	45.734	ng	99
51) 2,6-Dinitrotoluene	9.704	165	77743	47.718	ng	87
52) Acenaphthene	9.951	154	309931	45.646	ng	99
53) 3-Nitroaniline	9.869	138	35509	19.603	ng	96
54) 2,4-Dinitrophenol	9.980	184	53579	60.804	ng	94
55) Dibenzofuran	10.128	168	427644	45.368	ng	96
56) 4-Nitrophenol	10.033	139	91062	74.239	ng	88
57) 2,4-Dinitrotoluene	10.110	165	98626	44.853	ng	94
58) Fluorene	10.469	166	322058	44.841	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	93836	45.175	ng	98
60) Diethylphthalate	10.339	149	324879	41.919	ng	98
61) 4-Chlorophenyl-phenylether	10.457	204	179814	44.519	ng	97
62) 4-Nitroaniline	10.486	138	63401	36.941	ng	91
63) Azobenzene	10.622	77	338977	46.211	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	44596	37.753	ng	97
66) n-Nitrosodiphenylamine	10.575	169	302477	51.420	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	115012	49.892	ng	96
68) Hexachlorobenzene	11.016	284	135627	47.973	ng	96
69) Atrazine	11.104	200	85975	44.539	ng	97
70) Pentachlorophenol	11.216	266	121731	90.458	ng	98
71) Phenanthrene	11.433	178	439385	48.042	ng	99
72) Anthracene	11.486	178	433923	45.928	ng	100
73) Carbazole	11.639	167	348445	43.330	ng	99
74) Di-n-butylphthalate	11.969	149	418056	42.402	ng	99
75) Fluoranthene	12.621	202	443137	43.855	ng	99
77) Benzidine	12.745	184	199045	39.509	ng	99
78) Pyrene	12.857	202	480864	41.318	ng	100
80) Butylbenzylphthalate	13.469	149	188851	42.893	ng	99
81) Benzo(a)anthracene	14.045	228	525410	48.027	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	78363	20.577	ng	95
83) Chrysene	14.086	228	500311	48.735	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	290390	48.312	ng	99
85) Di-n-octyl phthalate	14.645	149	524950	50.785	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	603467	40.618	ng	99
88) Benzo(b)fluoranthene	15.104	252	613357	50.137	ng	100
89) Benzo(k)fluoranthene	15.133	252	527397	46.725	ng	100
90) Benzo(a)pyrene	15.480	252	564507	51.435	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	468774	39.861	ng	99
92) Benzo(g,h,i)perylene	17.504	276	447376	37.837	ng	99

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

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