

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142323.D
 Acq On : 12 May 2025 16:40
 Operator : RC/JU
 Sample : Q1983-06MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-01MS

Quant Time: May 12 17:45:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	206852	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	800949	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	426157	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	688489	20.000	ng	0.00
76) Chrysene-d12	14.069	240	407931	20.000	ng	0.00
86) Perylene-d12	15.557	264	436022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1421082	117.277	ng	0.02
7) Phenol-d6	6.528	99	1615777	108.417	ng	0.00
23) Nitrobenzene-d5	7.463	82	1106829	84.278	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	576921	140.218	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2302153	77.028	ng	0.00
79) Terphenyl-d14	13.016	244	2063091	74.856	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.846	88	174235	31.931	ng	# 83
3) Pyridine	3.552	79	467134	36.463	ng	98
4) n-Nitrosodimethylamine	3.499	42	281528	37.810	ng	96
6) Aniline	6.569	93	468645	32.059	ng	100
8) 2-Chlorophenol	6.687	128	553641	42.757	ng	99
9) Benzaldehyde	6.457	77	148565	17.032	ng	99
10) Phenol	6.540	94	617291	39.075	ng	96
11) bis(2-Chloroethyl)ether	6.640	93	532209	34.162	ng	98
12) 1,3-Dichlorobenzene	6.845	146	512971	34.628	ng	99
13) 1,4-Dichlorobenzene	6.922	146	523322	35.184	ng	99
14) 1,2-Dichlorobenzene	7.075	146	517960	36.279	ng	99
15) Benzyl Alcohol	7.040	79	449023	46.529	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	903547	38.839	ng	100
17) 2-Methylphenol	7.151	107	453459	43.255	ng	99
18) Hexachloroethane	7.416	117	174718	35.305	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	389265	42.226	ng	98
20) 3+4-Methylphenols	7.304	107	558663	42.699	ng	# 89
22) Acetophenone	7.310	105	734706	41.255	ng	96
24) Nitrobenzene	7.487	77	551793	44.573	ng	97
25) Isophorone	7.722	82	1075971	43.265	ng	100
26) 2-Nitrophenol	7.798	139	255307	43.230	ng	98
27) 2,4-Dimethylphenol	7.834	122	555671	44.441	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	683304	42.729	ng	99
29) 2,4-Dichlorophenol	8.040	162	495710	46.632	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	486059	40.628	ng	99
31) Naphthalene	8.210	128	1585551	40.845	ng	100
32) Benzoic acid	7.940	122	265115	41.412	ng	99
33) 4-Chloroaniline	8.281	127	106820m	6.744	ng	
34) Hexachlorobutadiene	8.328	225	282636	39.897	ng	99
35) Caprolactam	8.616	113	131375m	42.405	ng	
36) 4-Chloro-3-methylphenol	8.734	107	513400	46.460	ng	99
37) 2-Methylnaphthalene	8.898	142	1037372	43.007	ng	100
38) 1-Methylnaphthalene	8.998	142	1073024	42.681	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	506931	42.591	ng	99
41) Hexachlorocyclopentadiene	9.051	237	550566	74.848	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	361479	48.149	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	381755	47.791	ng	99
46) 1,1'-Biphenyl	9.363	154	1422411	43.532	ng	99
47) 2-Chloronaphthalene	9.386	162	1056244	43.467	ng	99
48) 2-Nitroaniline	9.481	65	315573	50.666	ng	95
49) Acenaphthylene	9.804	152	1790929	44.057	ng	100
50) Dimethylphthalate	9.663	163	1289412	47.119	ng	100
51) 2,6-Dinitrotoluene	9.722	165	272987	53.295	ng	95
52) Acenaphthene	9.975	154	1137318	46.531	ng	100
53) 3-Nitroaniline	9.892	138	178030	29.635	ng	96
54) 2,4-Dinitrophenol	9.998	184	193169	72.843	ng	# 1
55) Dibenzofuran	10.151	168	1577326	43.726	ng	100
56) 4-Nitrophenol	10.045	139	381011	84.271	ng	96
57) 2,4-Dinitrotoluene	10.128	165	357145	54.357	ng	97
58) Fluorene	10.492	166	1191543	43.283	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	317337	48.123	ng	99
60) Diethylphthalate	10.363	149	1264355	46.266	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	585930	44.116	ng	98
62) 4-Nitroaniline	10.510	138	263296	55.300	ng	99
63) Azobenzene	10.645	77	1148861	43.994	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	132169	42.203	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1077843	47.046	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	367082	47.044	ng	97
68) Hexachlorobenzene	11.039	284	411874	47.987	ng	97
69) Atrazine	11.128	200	319886	52.968	ng	99
70) Pentachlorophenol	11.228	266	433230	95.948	ng	98
71) Phenanthrene	11.457	178	1633498	45.263	ng	100
72) Anthracene	11.504	178	1660941	44.792	ng	100
73) Carbazole	11.657	167	1458936	43.854	ng	100
74) Di-n-butylphthalate	11.992	149	1803231	51.547	ng	100
75) Fluoranthene	12.639	202	1530486	42.425	ng	100
77) Benzidine	12.763	184	489982	66.095	ng	99
78) Pyrene	12.869	202	1516988	41.779	ng	100
80) Butylbenzylphthalate	13.492	149	579489	54.177	ng	98
81) Benzo(a)anthracene	14.057	228	1269592	48.058	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	207694	33.807	ng	98
83) Chrysene	14.098	228	1080998	43.955	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	774965	55.439	ng	100
85) Di-n-octyl phthalate	14.663	149	1212450	48.612	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1134243	37.395	ng	100
88) Benzo(b)fluoranthene	15.121	252	1179448	44.662	ng	99
89) Benzo(k)fluoranthene	15.151	252	1225647	50.716	ng	100
90) Benzo(a)pyrene	15.498	252	1136910	48.043	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	919055	36.677	ng	99
92) Benzo(g,h,i)perylene	17.521	276	891862	35.861	ng	100

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

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