

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142341.D
 Acq On : 13 May 2025 13:16
 Operator : RC/JU
 Sample : Q1993-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-20250508MS

Quant Time: May 13 13:55:06 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	222671	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	844135	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	448767	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	711096	20.000	ng	0.00
76) Chrysene-d12	14.074	240	400063	20.000	ng	0.00
86) Perylene-d12	15.563	264	458773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	827305	63.424	ng	0.00
7) Phenol-d6	6.522	99	661577	41.237	ng	0.00
23) Nitrobenzene-d5	7.469	82	1193717	86.244	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	602013	138.944	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2343262	74.453	ng	0.00
79) Terphenyl-d14	13.016	244	1881074	69.594	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	105179	17.906	ng	98
3) Pyridine	3.487	79	249292	18.076	ng	99
4) n-Nitrosodimethylamine	3.428	42	160095	19.974	ng	98
6) Aniline	6.569	93	573513	36.446	ng	99
8) 2-Chlorophenol	6.687	128	521491	37.413	ng	98
9) Benzaldehyde	6.451	77	339068	36.111	ng	99
10) Phenol	6.534	94	267411	15.725	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	586176	34.953	ng	97
12) 1,3-Dichlorobenzene	6.845	146	531652	33.339	ng	99
13) 1,4-Dichlorobenzene	6.922	146	544713	34.020	ng	99
14) 1,2-Dichlorobenzene	7.075	146	535342	34.833	ng	99
15) Benzyl Alcohol	7.040	79	335251	32.271	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	987524	39.433	ng	99
17) 2-Methylphenol	7.151	107	359385	31.846	ng	99
18) Hexachloroethane	7.422	117	182886	34.330	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	425960	42.924	ng	98
20) 3+4-Methylphenols	7.304	107	402217	28.558	ng	# 72
22) Acetophenone	7.310	105	811717	43.248	ng	98
24) Nitrobenzene	7.487	77	604693	46.347	ng	97
25) Isophorone	7.722	82	1171958	44.714	ng	99
26) 2-Nitrophenol	7.798	139	313153	49.643	ng	97
27) 2,4-Dimethylphenol	7.834	122	554257	42.060	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	737527	43.761	ng	98
29) 2,4-Dichlorophenol	8.039	162	498131	44.462	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	497743	39.476	ng	100
31) Naphthalene	8.210	128	1661033	40.600	ng	100
32) Benzoic acid	7.910	122	112899	21.421	ng	98
33) 4-Chloroaniline	8.257	127	245480	14.705	ng	100
34) Hexachlorobutadiene	8.328	225	286359	38.355	ng	100
35) Caprolactam	8.628	113	30378m	9.304	ng	
36) 4-Chloro-3-methylphenol	8.728	107	474733	40.763	ng	98
37) 2-Methylnaphthalene	8.898	142	1082318	42.575	ng	100
38) 1-Methylnaphthalene	8.998	142	1123435	42.400	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	533036	42.528	ng	99
41) Hexachlorocyclopentadiene	9.057	237	597101	77.084	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	385055	48.705	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	388948	46.238	ng	100
46) 1,1'-Biphenyl	9.363	154	1490605	43.320	ng	100
47) 2-Chloronaphthalene	9.392	162	1096312	42.843	ng	100
48) 2-Nitroaniline	9.481	65	343788	52.415	ng	97
49) Acenaphthylene	9.804	152	1842685	43.046	ng	100
50) Dimethylphthalate	9.669	163	1339615	46.488	ng	100
51) 2,6-Dinitrotoluene	9.728	165	290481	53.853	ng	91
52) Acenaphthene	9.981	154	1222632	47.501	ng	99
53) 3-Nitroaniline	9.892	138	159295	25.181	ng	94
54) 2,4-Dinitrophenol	9.998	184	283601	98.536	ng	# 1
55) Dibenzofuran	10.151	168	1631429	42.948	ng	99
56) 4-Nitrophenol	10.045	139	175940	36.953	ng	96
57) 2,4-Dinitrotoluene	10.128	165	387857	56.057	ng	96
58) Fluorene	10.492	166	1234531	42.585	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	340901	49.092	ng	98
60) Diethylphthalate	10.369	149	2041429	70.938	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	609755	43.597	ng	99
62) 4-Nitroaniline	10.510	138	260342	51.925	ng	100
63) Azobenzene	10.645	77	1237241	44.991	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	181337	53.702	ng	99
66) n-Nitrosodiphenylamine	10.604	169	1127454	47.647	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	389701	48.355	ng	99
68) Hexachlorobenzene	11.039	284	423127	47.731	ng	98
69) Atrazine	11.128	200	300676	48.205	ng	100
70) Pentachlorophenol	11.233	266	483498	103.676	ng	98
71) Phenanthrene	11.457	178	1641209	44.031	ng	100
72) Anthracene	11.510	178	1680500	43.879	ng	100
73) Carbazole	11.663	167	1413709	41.144	ng	100
74) Di-n-butylphthalate	11.992	149	1877806	51.972	ng	100
75) Fluoranthene	12.645	202	1472368	39.516	ng	99
77) Benzidine	12.763	184	144725	19.906	ng	98
78) Pyrene	12.874	202	1432084	40.216	ng	99
80) Butylbenzylphthalate	13.492	149	575720	54.836	ng	99
81) Benzo(a)anthracene	14.063	228	1197998	46.239	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	244119	40.518	ng	99
83) Chrysene	14.098	228	1091976	45.275	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	820672	59.526	ng	99
85) Di-n-octyl phthalate	14.668	149	1302921	52.516	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1139843	35.716	ng	100
88) Benzo(b)fluoranthene	15.121	252	1304145	46.935	ng	100
89) Benzo(k)fluoranthene	15.157	252	1176087	46.252	ng	100
90) Benzo(a)pyrene	15.504	252	1185667	47.619	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	954756	36.212	ng	99
92) Benzo(g,h,i)perylene	17.527	276	834969	31.908	ng	100

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

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