

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142488.D
 Acq On : 21 May 2025 15:34
 Operator : RC/JU
 Sample : Q2075-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-11MSD

Quant Time: May 21 16:00:05 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	53473	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	192497	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	95696	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	179294	20.000	ng	0.00
76) Chrysene-d12	14.068	240	174160	20.000	ng	0.00
86) Perylene-d12	15.557	264	147670	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	304079	95.805	ng	-0.01
7) Phenol-d6	6.516	99	365334	95.621	ng	-0.02
23) Nitrobenzene-d5	7.457	82	210235	59.553	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	113033	106.424	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	388254	54.441	ng	-0.01
79) Terphenyl-d14	13.010	244	512173	40.188	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	46460	36.580	ng	97
3) Pyridine	3.410	79	126162	39.007	ng	99
4) n-Nitrosodimethylamine	3.346	42	67799	40.373	ng	96
6) Aniline	6.557	93	112810	21.959	ng	99
8) 2-Chlorophenol	6.681	128	139131	40.245	ng	98
9) Benzaldehyde	6.445	77	86641	37.703	ng	99
10) Phenol	6.528	94	171228	39.829	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	121333	39.208	ng	100
12) 1,3-Dichlorobenzene	6.840	146	155190	40.230	ng	98
13) 1,4-Dichlorobenzene	6.916	146	155412	39.995	ng	98
14) 1,2-Dichlorobenzene	7.069	146	149202	40.127	ng	98
15) Benzyl Alcohol	7.034	79	108038	38.264	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	198589	38.213	ng	100
17) 2-Methylphenol	7.145	107	105761	39.184	ng	97
18) Hexachloroethane	7.410	117	53195	39.204	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	86737	36.631	ng	98
20) 3+4-Methylphenols	7.292	107	134110	38.800	ng	# 87
22) Acetophenone	7.304	105	181145	42.510	ng	99
24) Nitrobenzene	7.475	77	132830	41.719	ng	99
25) Isophorone	7.716	82	230066	38.979	ng	98
26) 2-Nitrophenol	7.792	139	71728	42.161	ng	98
27) 2,4-Dimethylphenol	7.828	122	121560	40.517	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	142931	38.766	ng	99
29) 2,4-Dichlorophenol	8.034	162	110236	40.402	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	123234	41.617	ng	98
31) Naphthalene	8.204	128	394689	41.641	ng	99
32) Benzoic acid	7.916	122	75602m	41.396	ng	
33) 4-Chloroaniline	8.251	127	39518	10.289	ng	98
34) Hexachlorobutadiene	8.322	225	75196	40.670	ng	99
35) Caprolactam	8.598	113	35475	46.294	ng	92
36) 4-Chloro-3-methylphenol	8.728	107	109810	39.271	ng	97
37) 2-Methylnaphthalene	8.892	142	240543	40.339	ng	99
38) 1-Methylnaphthalene	8.992	142	248451	40.280	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	118777	43.238	ng	98
41) Hexachlorocyclopentadiene	9.051	237	151109	81.543	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	77212	41.683	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	80798	41.359	ng	98
46) 1,1'-Biphenyl	9.357	154	318472	42.896	ng	99
47) 2-Chloronaphthalene	9.381	162	232356	42.360	ng	99
48) 2-Nitroaniline	9.475	65	69874	44.071	ng	99
49) Acenaphthylene	9.798	152	396591	42.817	ng	100
50) Dimethylphthalate	9.651	163	265370	42.027	ng	99
51) 2,6-Dinitrotoluene	9.716	165	58315	42.790	ng	100
52) Acenaphthene	9.969	154	265263	46.901	ng	99
53) 3-Nitroaniline	9.886	138	39078	26.253	ng	96
54) 2,4-Dinitrophenol	9.992	184	68143	96.781	ng	96
55) Dibenzofuran	10.145	168	342315	42.059	ng	98
56) 4-Nitrophenol	10.039	139	117563	107.039	ng	100
57) 2,4-Dinitrotoluene	10.116	165	82986	46.626	ng	95
58) Fluorene	10.486	166	270781	43.065	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	67912	41.641	ng	# 97
60) Diethylphthalate	10.357	149	263021	42.650	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	127605	41.312	ng	97
62) 4-Nitroaniline	10.498	138	66970	49.607	ng	99
63) Azobenzene	10.639	77	253765	45.814	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	44708	44.681	ng	97
66) n-Nitrosodiphenylamine	10.592	169	239679	39.074	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	77907	36.748	ng	99
68) Hexachlorobenzene	11.033	284	89239	38.058	ng	98
69) Atrazine	11.122	200	80957	49.697	ng	99
70) Pentachlorophenol	11.227	266	118109	89.217	ng	99
71) Phenanthrene	11.451	178	416981	43.518	ng	99
72) Anthracene	11.504	178	425552	43.517	ng	99
73) Carbazole	11.657	167	425725	50.924	ng	99
74) Di-n-butylphthalate	11.986	149	464959	50.811	ng	100
75) Fluoranthene	12.639	202	529880	59.183	ng	99
77) Benzidine	12.763	184	260706	40.226	ng	99
78) Pyrene	12.869	202	555060	34.165	ng	100
80) Butylbenzylphthalate	13.486	149	219971	49.000	ng	98
81) Benzo(a)anthracene	14.057	228	488067	41.968	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	71192	20.183	ng	99
83) Chrysene	14.092	228	449179	42.984	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	300378	52.268	ng	100
85) Di-n-octyl phthalate	14.663	149	480004	42.717	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	397462	35.852	ng	100
88) Benzo(b)fluoranthene	15.121	252	398076	45.547	ng	98
89) Benzo(k)fluoranthene	15.151	252	375338	45.852	ng	99
90) Benzo(a)pyrene	15.498	252	358666	43.537	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	318429	35.415	ng	100
92) Benzo(g,h,i)perylene	17.521	276	318190	35.381	ng	99

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

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