

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
 Data File : BF143078.D
 Acq On : 11 Jul 2025 15:50
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Jul 11 17:42:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 17:21:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	134425	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	501827	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	247134	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	341879	20.000	ng	0.00
76) Chrysene-d12	14.133	240	203880	20.000	ng	0.00
86) Perylene-d12	15.633	264	265132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1236384	146.118	ng	0.00
7) Phenol-d6	6.598	99	1548653	144.650	ng	0.01
23) Nitrobenzene-d5	7.534	82	1270186	180.873	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	321798	175.926	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2179670	138.628	ng	0.00
79) Terphenyl-d14	13.074	244	1546351	131.032	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	300493	75.558	ng	98
3) Pyridine	3.575	79	736133	75.458	ng	98
4) n-Nitrosodimethylamine	3.528	42	419826	77.563	ng	98
6) Aniline	6.634	93	789619	74.050	ng	100
8) 2-Chlorophenol	6.757	128	620611	72.755	ng	99
9) Benzaldehyde	6.516	77	396237	61.839	ng	99
10) Phenol	6.610	94	798050m	71.874	ng	
11) bis(2-Chloroethyl)ether	6.704	93	630768	72.374	ng	100
12) 1,3-Dichlorobenzene	6.916	146	686856	71.421	ng	99
13) 1,4-Dichlorobenzene	6.987	146	692142	71.855	ng	99
14) 1,2-Dichlorobenzene	7.145	146	622119	69.386	ng	100
15) Benzyl Alcohol	7.104	79	608291	76.039	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.245	45	1114804	70.203	ng	98
17) 2-Methylphenol	7.210	107	522717	74.154	ng	98
18) Hexachloroethane	7.487	117	241574	77.947	ng	99
19) n-Nitroso-di-n-propyla...	7.387	70	467609	70.968	ng	99
20) 3+4-Methylphenols	7.369	107	621526	71.381	ng	96
22) Acetophenone	7.381	105	839456	71.609	ng	96
24) Nitrobenzene	7.551	77	662567	90.515	ng	97
25) Isophorone	7.792	82	1162427	76.241	ng	98
26) 2-Nitrophenol	7.863	139	276644	78.097	ng	98
27) 2,4-Dimethylphenol	7.898	122	434449	78.613	ng	98
28) bis(2-Chloroethoxy)met...	7.998	93	737751	73.571	ng	100
29) 2,4-Dichlorophenol	8.104	162	518733	79.829	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	555224	74.488	ng	100
31) Naphthalene	8.275	128	1781739	71.840	ng	99
32) Benzoic acid	8.022	122	348237m	79.513	ng	
33) 4-Chloroaniline	8.316	127	628776	75.043	ng	99
34) Hexachlorobutadiene	8.398	225	328473	75.098	ng	99
35) Caprolactam	8.692	113	147253	80.827	ng	97
36) 4-Chloro-3-methylphenol	8.792	107	544694	77.945	ng	99
37) 2-Methylnaphthalene	8.963	142	1160138	71.576	ng	100
38) 1-Methylnaphthalene	9.063	142	1108143	71.041	ng	100
40) 1,2,4,5-Tetrachloroben...	9.134	216	532799	73.605	ng	98
41) Hexachlorocyclopentadiene	9.122	237	163641	90.616	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	353293	87.333	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	342155	81.138	ng	99
46) 1,1'-Biphenyl	9.428	154	1389876	71.621	ng	100
47) 2-Chloronaphthalene	9.451	162	1028546	73.183	ng	99
48) 2-Nitroaniline	9.539	65	300451	83.364	ng	96
49) Acenaphthylene	9.869	152	1503157	72.852	ng	99
50) Dimethylphthalate	9.728	163	1137356	74.057	ng	100
51) 2,6-Dinitrotoluene	9.781	165	231132	81.939	ng	97
52) Acenaphthene	10.045	154	1009878	72.669	ng	98
53) 3-Nitroaniline	9.951	138	243852	80.611	ng	# 98
54) 2,4-Dinitrophenol	10.051	184	66427	78.664	ng	# 1
55) Dibenzofuran	10.216	168	1448986	71.394	ng	99
56) 4-Nitrophenol	10.092	139	177621	79.085	ng	99
57) 2,4-Dinitrotoluene	10.186	165	256981	82.592	ng	99
58) Fluorene	10.557	166	1020544	68.694	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	286345	84.274	ng	99
60) Diethylphthalate	10.428	149	1049111	74.239	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	529228	71.670	ng	99
62) 4-Nitroaniline	10.563	138	197348	81.050	ng	99
63) Azobenzene	10.704	77	1154879	71.787	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	104617	78.800	ng	98
66) n-Nitrosodiphenylamine	10.663	169	883952	75.245	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	310975	78.258	ng	96
68) Hexachlorobenzene	11.104	284	307569	76.919	ng	99
69) Atrazine	11.180	200	177605	70.997	ng	99
70) Pentachlorophenol	11.292	266	203231	90.585	ng	98
71) Phenanthrene	11.516	178	1351388	72.129	ng	100
72) Anthracene	11.569	178	1333743	73.041	ng	99
73) Carbazole	11.716	167	1085630	71.935	ng	99
74) Di-n-butylphthalate	12.051	149	1242146	82.981	ng	99
75) Fluoranthene	12.704	202	1174440	72.880	ng	100
77) Benzidine	12.816	184	323341	79.909	ng	99
78) Pyrene	12.933	202	1157737	64.998	ng	99
80) Butylbenzylphthalate	13.545	149	298936	82.491	ng	99
81) Benzo(a)anthracene	14.121	228	1001835	76.814	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	316174	87.986	ng	99
83) Chrysene	14.157	228	938954	76.771	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	483053	93.642	ng	99
85) Di-n-octyl phthalate	14.727	149	984317	83.088	ng	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	1419922	77.929	ng	99
88) Benzo(b)fluoranthene	15.192	252	1244157	79.752	ng	100
89) Benzo(k)fluoranthene	15.227	252	1050363	76.237	ng	99
90) Benzo(a)pyrene	15.574	252	1067141	80.057	ng	99
91) Dibenzo(a,h)anthracene	17.209	278	1158455	77.863	ng	99
92) Benzo(g,h,i)perylene	17.657	276	1207498	77.153	ng	99

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

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