

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
 Data File : BF143075.D
 Acq On : 11 Jul 2025 14:18
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Jul 11 17:40:13 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	143298	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	555718	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	279522	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	411774	20.000	ng	0.00
76) Chrysene-d12	14.127	240	215787	20.000	ng	0.00
86) Perylene-d12	15.633	264	257944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	701735	77.797	ng	0.00
7) Phenol-d6	6.586	99	889188	77.911	ng	0.00
23) Nitrobenzene-d5	7.528	82	628469	80.815	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	175794	84.970	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1343133	75.526	ng	0.00
79) Terphenyl-d14	13.074	244	977528	78.262	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.798	88	165332	38.998	ng	100
3) Pyridine	3.575	79	399897	38.453	ng	100
4) n-Nitrosodimethylamine	3.516	42	229145	39.713	ng	100
6) Aniline	6.628	93	443647	39.029	ng	100
8) 2-Chlorophenol	6.751	128	357461	39.311	ng	100
9) Benzaldehyde	6.516	77	266044	38.949	ng	100
10) Phenol	6.598	94	458252m	38.716	ng	
11) bis(2-Chloroethyl)ether	6.698	93	362736	39.043	ng	100
12) 1,3-Dichlorobenzene	6.910	146	394044	38.437	ng	100
13) 1,4-Dichlorobenzene	6.986	146	396659	38.630	ng	100
14) 1,2-Dichlorobenzene	7.139	146	368463	38.550	ng	100
15) Benzyl Alcohol	7.098	79	339087	39.763	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.239	45	660952	39.045	ng	100
17) 2-Methylphenol	7.204	107	290616	38.675	ng	100
18) Hexachloroethane	7.486	117	132729	40.175	ng	100
19) n-Nitroso-di-n-propyla...	7.375	70	265524	37.803	ng	100
20) 3+4-Methylphenols	7.363	107	366285	39.462	ng	100
22) Acetophenone	7.369	105	497275	38.306	ng	100
24) Nitrobenzene	7.545	77	348089	42.942	ng	100
25) Isophorone	7.781	82	657622	38.949	ng	100
26) 2-Nitrophenol	7.863	139	110697	38.855	ng	100
27) 2,4-Dimethylphenol	7.892	122	243592	39.803	ng	100
28) bis(2-Chloroethoxy)met...	7.992	93	428556	38.593	ng	100
29) 2,4-Dichlorophenol	8.098	162	292310	40.622	ng	100
30) 1,2,4-Trichlorobenzene	8.192	180	323813	39.229	ng	100
31) Naphthalene	8.275	128	1051416	38.282	ng	100
32) Benzoic acid	7.986	122	127995m	39.121	ng	
33) 4-Chloroaniline	8.310	127	354670	38.224	ng	100
34) Hexachlorobutadiene	8.392	225	187683	38.748	ng	100
35) Caprolactam	8.675	113	82708	40.996	ng	100
36) 4-Chloro-3-methylphenol	8.786	107	314940	40.697	ng	100
37) 2-Methylnaphthalene	8.963	142	687743	38.316	ng	100
38) 1-Methylnaphthalene	9.063	142	668800	38.717	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	317266	38.751	ng	100
41) Hexachlorocyclopentadiene	9.122	237	81680	39.990	ng	100
43) 2,4,6-Trichlorophenol	9.233	196	191890	41.938	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	200793	42.098	ng	100
46) 1,1'-Biphenyl	9.427	154	843556	38.432	ng	100
47) 2-Chloronaphthalene	9.451	162	613392	38.587	ng	100
48) 2-Nitroaniline	9.533	65	140328	37.197	ng	100
49) Acenaphthylene	9.869	152	904162	38.744	ng	100
50) Dimethylphthalate	9.722	163	687671	39.588	ng	100
51) 2,6-Dinitrotoluene	9.774	165	113376	37.864	ng	100
52) Acenaphthene	10.039	154	606907	38.612	ng	100
53) 3-Nitroaniline	9.945	138	124149	38.359	ng	100
54) 2,4-Dinitrophenol	10.045	184	23760	39.144	ng	100
55) Dibenzofuran	10.210	168	890663	38.800	ng	100
56) 4-Nitrophenol	10.086	139	92485	39.279	ng	100
57) 2,4-Dinitrotoluene	10.180	165	123446	37.765	ng	100
58) Fluorene	10.551	166	644286	38.342	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	163013	42.417	ng	100
60) Diethylphthalate	10.422	149	640618	40.080	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	323010	38.675	ng	100
62) 4-Nitroaniline	10.557	138	103765	39.379	ng	100
63) Azobenzene	10.704	77	715945	39.346	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	40897	38.685	ng	100
66) n-Nitrosodiphenylamine	10.657	169	546819	38.646	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	186701	39.009	ng	100
68) Hexachlorobenzene	11.104	284	187107	38.851	ng	100
69) Atrazine	11.180	200	117162	38.885	ng	100
70) Pentachlorophenol	11.292	266	110915	41.046	ng	100
71) Phenanthrene	11.516	178	867458	38.441	ng	100
72) Anthracene	11.568	178	850797	38.684	ng	100
73) Carbazole	11.716	167	714100	39.285	ng	100
74) Di-n-butylphthalate	12.051	149	761959	42.262	ng	100
75) Fluoranthene	12.704	202	751803	38.734	ng	100
77) Benzidine	12.815	184	187067	43.680	ng	100
78) Pyrene	12.933	202	745742	39.557	ng	100
80) Butylbenzylphthalate	13.545	149	137404	37.940	ng	100
81) Benzo(a)anthracene	14.115	228	532168	38.552	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	148718	39.102	ng	100
83) Chrysene	14.151	228	514750	39.765	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	226631	41.509	ng	100
85) Di-n-octyl phthalate	14.727	149	406207	36.381	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	718363	40.524	ng	100
88) Benzo(b)fluoranthene	15.186	252	633801	41.759	ng	100
89) Benzo(k)fluoranthene	15.215	252	514118	38.355	ng	100
90) Benzo(a)pyrene	15.568	252	528294	40.737	ng	100
91) Dibenzo(a,h)anthracene	17.192	278	592066	40.903	ng	100
92) Benzo(g,h,i)perylene	17.639	276	616695	40.502	ng	100

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

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