

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143346.D
 Acq On : 12 Aug 2025 10:35
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Aug 12 13:18:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	168701	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	640356	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	345152	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	538915	20.000	ng	0.00
76) Chrysene-d12	14.086	240	307753	20.000	ng	0.00
86) Perylene-d12	15.580	264	306974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	407312	41.751	ng	0.00
7) Phenol-d6	6.557	99	520093	41.573	ng	0.00
23) Nitrobenzene-d5	7.486	82	433525	42.160	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	103035	40.847	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	886799	43.569	ng	0.00
79) Terphenyl-d14	13.027	244	798330	46.313	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	103635	20.529	ng	97
3) Pyridine	3.540	79	269381	20.025	ng	100
4) n-Nitrosodimethylamine	3.463	42	119909	19.135	ng	99
6) Aniline	6.587	93	367374	20.830	ng	99
8) 2-Chlorophenol	6.716	128	214531	20.580	ng	98
9) Benzaldehyde	6.481	77	186638	22.572	ng	99
10) Phenol	6.569	94	310854	20.975	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	224903	20.590	ng	99
12) 1,3-Dichlorobenzene	6.875	146	249994	20.792	ng	99
13) 1,4-Dichlorobenzene	6.945	146	250438	20.753	ng	99
14) 1,2-Dichlorobenzene	7.098	146	237306	20.716	ng	99
15) Benzyl Alcohol	7.063	79	180344	20.110	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	410762	21.064	ng	95
17) 2-Methylphenol	7.175	107	181753	20.655	ng	99
18) Hexachloroethane	7.445	117	77573	20.504	ng	98
19) n-Nitroso-di-n-propyla...	7.334	70	161440	20.884	ng	98
20) 3+4-Methylphenols	7.328	107	231589	21.762	ng	96
22) Acetophenone	7.334	105	304419	21.576	ng	97
24) Nitrobenzene	7.504	77	234624	21.009	ng	98
25) Isophorone	7.745	82	437206	20.827	ng	99
26) 2-Nitrophenol	7.822	139	70117	18.121	ng	96
27) 2,4-Dimethylphenol	7.857	122	184676	21.087	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	272180	21.236	ng	98
29) 2,4-Dichlorophenol	8.069	162	182884	21.380	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	191714	21.247	ng	99
31) Naphthalene	8.233	128	658723	21.378	ng	100
32) Benzoic acid	7.951	122	54709	19.373	ng	97
33) 4-Chloroaniline	8.275	127	235075	21.152	ng	98
34) Hexachlorobutadiene	8.351	225	119600	21.308	ng	99
35) Caprolactam	8.622	113	46828	19.474	ng	91
36) 4-Chloro-3-methylphenol	8.757	107	189645	21.148	ng	98
37) 2-Methylnaphthalene	8.922	142	436344	21.540	ng	100
38) 1-Methylnaphthalene	9.022	142	417915	21.421	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	198354	21.001	ng	99
41) Hexachlorocyclopentadiene	9.081	237	44965	19.003	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	109203	20.378	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	126432	20.892	ng	98
46) 1,1'-Biphenyl	9.380	154	523392	21.447	ng	99
47) 2-Chloronaphthalene	9.410	162	407385	21.196	ng	99
48) 2-Nitroaniline	9.498	65	96206	19.121	ng	97
49) Acenaphthylene	9.828	152	593246	21.374	ng	99
50) Dimethylphthalate	9.675	163	429516	21.297	ng	100
51) 2,6-Dinitrotoluene	9.739	165	65043	18.954	ng	95
52) Acenaphthene	9.998	154	386752	20.959	ng	98
53) 3-Nitroaniline	9.910	138	86436	20.928	ng	99
54) 2,4-Dinitrophenol	10.016	184	15765	19.272	ng	# 13
55) Dibenzofuran	10.169	168	564025	21.238	ng	100
56) 4-Nitrophenol	10.069	139	50785	19.809	ng	99
57) 2,4-Dinitrotoluene	10.139	165	88718	19.432	ng	94
58) Fluorene	10.510	166	431847	21.289	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	81483	19.975	ng	99
60) Diethylphthalate	10.375	149	390634	21.624	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	207053	21.124	ng	99
62) 4-Nitroaniline	10.516	138	87370	21.864	ng	99
63) Azobenzene	10.663	77	443476	21.493	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	29324	18.676	ng	94
66) n-Nitrosodiphenylamine	10.616	169	363227	20.469	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	125072	20.293	ng	97
68) Hexachlorobenzene	11.063	284	134796	20.290	ng	98
69) Atrazine	11.139	200	100549	21.725	ng	100
70) Pentachlorophenol	11.257	266	47147	19.347	ng	99
71) Phenanthrene	11.474	178	622794	21.181	ng	99
72) Anthracene	11.527	178	638169	21.401	ng	98
73) Carbazole	11.674	167	548030	21.580	ng	100
74) Di-n-butylphthalate	12.004	149	479230	22.300	ng	99
75) Fluoranthene	12.663	202	566275	21.986	ng	99
77) Benzidine	12.780	184	201097	23.901	ng	99
78) Pyrene	12.892	202	587878	22.771	ng	100
80) Butylbenzylphthalate	13.504	149	83834	18.636	ng	99
81) Benzo(a)anthracene	14.080	228	412056	21.066	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	100529	19.033	ng	100
83) Chrysene	14.115	228	369066	20.235	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	107115	17.077	ng	99
85) Di-n-octyl phthalate	14.674	149	213024	18.493	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	454164	20.651	ng	99
88) Benzo(b)fluoranthene	15.139	252	335316	19.971	ng	99
89) Benzo(k)fluoranthene	15.168	252	355480	21.789	ng	99
90) Benzo(a)pyrene	15.515	252	325450	20.580	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	363491	20.688	ng	98
92) Benzo(g,h,i)perylene	17.551	276	364540	20.596	ng	99

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

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