

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142475.D
 Acq On : 20 May 2025 16:31
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF052025

Quant Time: May 20 17:07:40 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	99411	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	385222	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	213164	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	348749	20.000	ng	0.00
76) Chrysene-d12	14.074	240	171632	20.000	ng	0.00
86) Perylene-d12	15.562	264	195956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	443470	75.157	ng	0.00
7) Phenol-d6	6.522	99	539999	76.025	ng	-0.01
23) Nitrobenzene-d5	7.463	82	545967	77.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	179309	75.790	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1152622	72.557	ng	0.00
79) Terphenyl-d14	13.016	244	976059	77.714	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	90159	38.184	ng	99
3) Pyridine	3.434	79	232139	38.607	ng	99
4) n-Nitrosodimethylamine	3.381	42	121742	38.995	ng	99
6) Aniline	6.563	93	366889	38.415	ng	99
8) 2-Chlorophenol	6.681	128	243599	37.902	ng	97
9) Benzaldehyde	6.451	77	165445	38.726	ng	98
10) Phenol	6.539	94	306601	38.362	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	220228	38.280	ng	100
12) 1,3-Dichlorobenzene	6.839	146	269504	37.579	ng	100
13) 1,4-Dichlorobenzene	6.922	146	275076	38.078	ng	98
14) 1,2-Dichlorobenzene	7.069	146	260709	37.716	ng	100
15) Benzyl Alcohol	7.039	79	202944	38.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	366430	37.927	ng	100
17) 2-Methylphenol	7.145	107	193190	38.500	ng	99
18) Hexachloroethane	7.416	117	96202	38.137	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	166542	37.833	ng	99
20) 3+4-Methylphenols	7.304	107	244310	38.020	ng	100
22) Acetophenone	7.310	105	325056	38.118	ng	100
24) Nitrobenzene	7.486	77	246818	38.737	ng	100
25) Isophorone	7.722	82	447723	37.906	ng	99
26) 2-Nitrophenol	7.798	139	136039	39.958	ng	99
27) 2,4-Dimethylphenol	7.833	122	233871	38.953	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	283379	38.407	ng	99
29) 2,4-Dichlorophenol	8.039	162	209040	38.285	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	226285	38.187	ng	98
31) Naphthalene	8.210	128	722913	38.112	ng	100
32) Benzoic acid	7.939	122	147981	40.490	ng	98
33) 4-Chloroaniline	8.251	127	299462	38.962	ng	99
34) Hexachlorobutadiene	8.322	225	142496	38.512	ng	99
35) Caprolactam	8.622	113	60055	39.162	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	216299	38.654	ng	99
37) 2-Methylnaphthalene	8.898	142	454200	38.062	ng	100
38) 1-Methylnaphthalene	8.998	142	471880	38.229	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	229514	37.508	ng	99
41) Hexachlorocyclopentadiene	9.051	237	165077	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	156603	37.954	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	164342	37.766	ng	99
46) 1,1'-Biphenyl	9.363	154	619947	37.487	ng	100
47) 2-Chloronaphthalene	9.386	162	461414	37.763	ng	99
48) 2-Nitroaniline	9.480	65	137268	38.867	ng	99
49) Acenaphthylene	9.804	152	776377	37.630	ng	100
50) Dimethylphthalate	9.663	163	523004	37.184	ng	100
51) 2,6-Dinitrotoluene	9.722	165	115938	38.191	ng	98
52) Acenaphthene	9.975	154	477197	37.877	ng	100
53) 3-Nitroaniline	9.892	138	126814	38.246	ng	98
54) 2,4-Dinitrophenol	9.992	184	65057	41.481	ng #	35
55) Dibenzofuran	10.145	168	673871	37.170	ng	100
56) 4-Nitrophenol	10.045	139	96197	39.320	ng	98
57) 2,4-Dinitrotoluene	10.127	165	152488	38.463	ng	99
58) Fluorene	10.492	166	513487	36.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	138047	38.000	ng	98
60) Diethylphthalate	10.363	149	519861	37.844	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	254467	36.985	ng	99
62) 4-Nitroaniline	10.504	138	114671	38.132	ng	100
63) Azobenzene	10.645	77	466131	37.780	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	82393	42.334	ng	99
66) n-Nitrosodiphenylamine	10.598	169	454975	38.132	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	157480	38.189	ng	99
68) Hexachlorobenzene	11.039	284	175840	38.554	ng	99
69) Atrazine	11.127	200	125293	39.541	ng	99
70) Pentachlorophenol	11.227	266	105232	40.866	ng	98
71) Phenanthrene	11.457	178	698503	37.478	ng	100
72) Anthracene	11.504	178	723416	38.032	ng	100
73) Carbazole	11.657	167	622812	38.300	ng	100
74) Di-n-butylphthalate	11.986	149	686988	38.596	ng	100
75) Fluoranthene	12.645	202	652697	37.479	ng	100
77) Benzidine	12.763	184	271606	42.525	ng	100
78) Pyrene	12.874	202	642163	40.108	ng	100
80) Butylbenzylphthalate	13.492	149	178179	40.275	ng	97
81) Benzo(a)anthracene	14.063	228	435297	37.981	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	135132	38.874	ng	100
83) Chrysene	14.098	228	388943	37.768	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	229915	40.596	ng	99
85) Di-n-octyl phthalate	14.662	149	443488	40.048	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	574771	39.070	ng	100
88) Benzo(b)fluoranthene	15.121	252	433704	37.396	ng	98
89) Benzo(k)fluoranthene	15.157	252	404679	37.255	ng	99
90) Benzo(a)pyrene	15.504	252	421730	38.578	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	463752	38.868	ng	100
92) Benzo(g,h,i)perylene	17.539	276	457604	38.345	ng	99

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

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