

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142625.D
 Acq On : 05 Jun 2025 09:37
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 05 11:34:22 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	122240	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	479356	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	254347	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	415186	20.000	ng	0.00
76) Chrysene-d12	14.068	240	211462	20.000	ng	0.00
86) Perylene-d12	15.562	264	258069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	565183	77.896	ng	0.00
7) Phenol-d6	6.528	99	675250	77.312	ng	0.00
23) Nitrobenzene-d5	7.463	82	662626	75.377	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	207397	73.469	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1360602	71.781	ng	-0.01
79) Terphenyl-d14	13.010	244	1079006	69.729	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	117326	40.410	ng	99
3) Pyridine	3.434	79	302747	40.947	ng	99
4) n-Nitrosodimethylamine	3.387	42	146993	38.290	ng	91
6) Aniline	6.557	93	463534	39.471	ng	99
8) 2-Chlorophenol	6.681	128	309625	39.178	ng	99
9) Benzaldehyde	6.445	77	194934	37.107	ng	99
10) Phenol	6.539	94	383244	38.996	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	276239	39.048	ng	99
12) 1,3-Dichlorobenzene	6.839	146	340324	38.592	ng	98
13) 1,4-Dichlorobenzene	6.916	146	343656	38.687	ng	98
14) 1,2-Dichlorobenzene	7.069	146	326506	38.413	ng	100
15) Benzyl Alcohol	7.034	79	246048	38.121	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	458733	38.613	ng	98
17) 2-Methylphenol	7.145	107	238931	38.723	ng	97
18) Hexachloroethane	7.410	117	120227	38.760	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	200179	36.981	ng	97
20) 3+4-Methylphenols	7.304	107	296530	37.528	ng	94
22) Acetophenone	7.304	105	393308	37.065	ng	97
24) Nitrobenzene	7.481	77	298941	37.704	ng	100
25) Isophorone	7.722	82	542792	36.930	ng	98
26) 2-Nitrophenol	7.798	139	166904	39.397	ng	95
27) 2,4-Dimethylphenol	7.834	122	288234	38.580	ng	97
28) bis(2-Chloroethoxy)met...	7.928	93	346994	37.793	ng	99
29) 2,4-Dichlorophenol	8.039	162	260092	38.280	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	278814	37.811	ng	98
31) Naphthalene	8.204	128	885322	37.509	ng	100
32) Benzoic acid	7.939	122	165610	36.415	ng	97
33) 4-Chloroaniline	8.251	127	367280	38.402	ng	99
34) Hexachlorobutadiene	8.322	225	168816	36.666	ng	99
35) Caprolactam	8.622	113	72582	38.036	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	255646	36.714	ng	97
37) 2-Methylnaphthalene	8.892	142	554992	37.375	ng	99
38) 1-Methylnaphthalene	8.992	142	568323	37.001	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	279337	38.259	ng	99
41) Hexachlorocyclopentadiene	9.045	237	170660	34.650	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	190008	38.593	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	197152	37.970	ng	99
46) 1,1'-Biphenyl	9.357	154	736916	37.345	ng	99
47) 2-Chloronaphthalene	9.386	162	547604	37.561	ng	98
48) 2-Nitroaniline	9.480	65	162546	38.573	ng	96
49) Acenaphthylene	9.798	152	923827	37.526	ng	99
50) Dimethylphthalate	9.657	163	624500	37.211	ng	100
51) 2,6-Dinitrotoluene	9.722	165	138997	38.373	ng	96
52) Acenaphthene	9.975	154	558219	37.134	ng	100
53) 3-Nitroaniline	9.892	138	152621	38.576	ng	98
54) 2,4-Dinitrophenol	9.998	184	67113	35.863	ng	92
55) Dibenzofuran	10.145	168	802015	37.075	ng	98
56) 4-Nitrophenol	10.045	139	103215	35.358	ng	97
57) 2,4-Dinitrotoluene	10.122	165	184516	39.006	ng	100
58) Fluorene	10.486	166	619433	37.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	163981	37.830	ng	98
60) Diethylphthalate	10.357	149	599493	36.575	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	304161	37.050	ng	95
62) 4-Nitroaniline	10.504	138	136075	37.923	ng	96
63) Azobenzene	10.639	77	544794	37.006	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	92901	40.095	ng	97
66) n-Nitrosodiphenylamine	10.598	169	536787	37.790	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	186513	37.992	ng	98
68) Hexachlorobenzene	11.039	284	207193	38.159	ng	97
69) Atrazine	11.122	200	138466	36.706	ng	98
70) Pentachlorophenol	11.227	266	108497	35.392	ng	99
71) Phenanthrene	11.451	178	820995	37.001	ng	99
72) Anthracene	11.504	178	855814	37.793	ng	100
73) Carbazole	11.657	167	713838	36.874	ng	99
74) Di-n-butylphthalate	11.980	149	744205	35.120	ng	99
75) Fluoranthene	12.639	202	750697	36.208	ng	98
77) Benzidine	12.757	184	307371	39.060	ng	100
78) Pyrene	12.868	202	725329	36.770	ng	99
80) Butylbenzylphthalate	13.480	149	213901	39.243	ng	99
81) Benzo(a)anthracene	14.057	228	528205	37.407	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	191991	44.828	ng	99
83) Chrysene	14.092	228	486885	38.373	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	318517	45.647	ng	100
85) Di-n-octyl phthalate	14.657	149	613319	44.953	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	672440	34.708	ng	99
88) Benzo(b)fluoranthene	15.121	252	609473	39.903	ng	98
89) Benzo(k)fluoranthene	15.151	252	481854	33.683	ng	98
90) Benzo(a)pyrene	15.498	252	544912	37.849	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	546160	34.758	ng	99
92) Benzo(g,h,i)perylene	17.533	276	543394	34.574	ng	98

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

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