

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142552.D
 Acq On : 27 May 2025 10:15
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 27 11:31:47 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	106761	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	418300	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	232077	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	411171	20.000	ng	0.00
76) Chrysene-d12	14.068	240	239311	20.000	ng	0.00
86) Perylene-d12	15.562	264	215066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	487434	76.920	ng	0.00
7) Phenol-d6	6.522	99	588122	77.099	ng	-0.01
23) Nitrobenzene-d5	7.463	82	586402	76.442	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	203328	78.939	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1249653	72.255	ng	-0.01
79) Terphenyl-d14	13.016	244	1281938	73.203	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	98304	38.767	ng	99
3) Pyridine	3.434	79	257127	39.819	ng	98
4) n-Nitrosodimethylamine	3.387	42	128165	38.226	ng	94
6) Aniline	6.563	93	401127	39.109	ng	99
8) 2-Chlorophenol	6.681	128	266058	38.547	ng	98
9) Benzaldehyde	6.451	77	178698	38.949	ng	99
10) Phenol	6.539	94	334436	38.964	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	236884	38.340	ng	100
12) 1,3-Dichlorobenzene	6.839	146	292278	37.949	ng	99
13) 1,4-Dichlorobenzene	6.916	146	295291	38.062	ng	99
14) 1,2-Dichlorobenzene	7.069	146	282071	37.997	ng	98
15) Benzyl Alcohol	7.039	79	218911	38.834	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	398626	38.419	ng	99
17) 2-Methylphenol	7.145	107	208688	38.726	ng	99
18) Hexachloroethane	7.410	117	100869	37.234	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	179487	37.966	ng	99
20) 3+4-Methylphenols	7.304	107	263813	38.229	ng	96
22) Acetophenone	7.310	105	349918	37.789	ng	98
24) Nitrobenzene	7.481	77	267559	38.672	ng	99
25) Isophorone	7.722	82	492161	38.373	ng	98
26) 2-Nitrophenol	7.798	139	145072	39.241	ng	98
27) 2,4-Dimethylphenol	7.834	122	249437	38.260	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	303778	37.916	ng	99
29) 2,4-Dichlorophenol	8.039	162	231708	39.080	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	243943	37.911	ng	97
31) Naphthalene	8.204	128	777276	37.738	ng	100
32) Benzoic acid	7.939	122	158786	40.011	ng	98
33) 4-Chloroaniline	8.251	127	325620	39.015	ng	99
34) Hexachlorobutadiene	8.322	225	151568	37.725	ng	99
35) Caprolactam	8.622	113	72240	43.382	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	237000	39.004	ng	99
37) 2-Methylnaphthalene	8.898	142	486858	37.572	ng	99
38) 1-Methylnaphthalene	8.998	142	509169	37.988	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	246912	37.063	ng	99
41) Hexachlorocyclopentadiene	9.051	237	164606	36.627	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	170709	38.001	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	180562	38.111	ng	99
46) 1,1'-Biphenyl	9.363	154	671392	37.289	ng	100
47) 2-Chloronaphthalene	9.386	162	498146	37.447	ng	99
48) 2-Nitroaniline	9.480	65	153877	40.019	ng	99
49) Acenaphthylene	9.804	152	852870	37.968	ng	99
50) Dimethylphthalate	9.657	163	583790	38.123	ng	100
51) 2,6-Dinitrotoluene	9.722	165	128595	38.908	ng	100
52) Acenaphthene	9.975	154	514152	37.485	ng	100
53) 3-Nitroaniline	9.892	138	145777	40.382	ng	99
54) 2,4-Dinitrophenol	9.998	184	71340	41.780	ng	92
55) Dibenzofuran	10.145	168	749292	37.962	ng	99
56) 4-Nitrophenol	10.045	139	109755	41.206	ng	99
57) 2,4-Dinitrotoluene	10.127	165	178266	41.301	ng	99
58) Fluorene	10.486	166	581375	38.127	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	154712	39.117	ng	99
60) Diethylphthalate	10.357	149	575641	38.490	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	283736	37.878	ng	97
62) 4-Nitroaniline	10.504	138	144639	44.178	ng	98
63) Azobenzene	10.639	77	519690	38.688	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	95007	41.404	ng	100
66) n-Nitrosodiphenylamine	10.598	169	513957	36.536	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	177745	36.559	ng	99
68) Hexachlorobenzene	11.039	284	199413	37.084	ng	98
69) Atrazine	11.122	200	152351	40.781	ng	99
70) Pentachlorophenol	11.227	266	117460	38.690	ng	98
71) Phenanthrene	11.451	178	829968	37.771	ng	100
72) Anthracene	11.504	178	844543	37.659	ng	99
73) Carbazole	11.657	167	758086	39.542	ng	100
74) Di-n-butylphthalate	11.986	149	851727	40.587	ng	100
75) Fluoranthene	12.639	202	849891	41.393	ng	98
77) Benzidine	12.763	184	391300	43.939	ng	100
78) Pyrene	12.868	202	833498	37.336	ng	99
80) Butylbenzylphthalate	13.486	149	264157	42.823	ng	98
81) Benzo(a)anthracene	14.057	228	620117	38.806	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	190764	39.358	ng	99
83) Chrysene	14.098	228	528766	36.825	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	309018	39.132	ng	98
85) Di-n-octyl phthalate	14.657	149	498803	32.305	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	597673	37.017	ng	99
88) Benzo(b)fluoranthene	15.121	252	531572	41.762	ng	98
89) Benzo(k)fluoranthene	15.151	252	419034	35.149	ng	98
90) Benzo(a)pyrene	15.498	252	460031	38.342	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	484580	37.005	ng	98
92) Benzo(g,h,i)perylene	17.533	276	486815	37.168	ng	98

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

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