

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142478.D
 Acq On : 21 May 2025 10:40
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 21 11:22:12 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	124102	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	475212	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	258765	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	454448	20.000	ng	0.00
76) Chrysene-d12	14.068	240	231233	20.000	ng	0.00
86) Perylene-d12	15.562	264	233183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	539569	73.250	ng	0.00
7) Phenol-d6	6.522	99	674188	76.032	ng	-0.01
23) Nitrobenzene-d5	7.463	82	651420	74.748	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	232567	80.978	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1421641	73.721	ng	0.00
79) Terphenyl-d14	13.016	244	1355714	80.120	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	106378	36.089	ng	98
3) Pyridine	3.434	79	276510	36.837	ng	100
4) n-Nitrosodimethylamine	3.387	42	141405	36.282	ng	93
6) Aniline	6.563	93	465531	39.046	ng	100
8) 2-Chlorophenol	6.681	128	294286	36.679	ng	98
9) Benzaldehyde	6.451	77	197628	37.056	ng	99
10) Phenol	6.540	94	386626	38.750	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	264781	36.867	ng	99
12) 1,3-Dichlorobenzene	6.839	146	332360	37.123	ng	99
13) 1,4-Dichlorobenzene	6.916	146	340844	37.795	ng	99
14) 1,2-Dichlorobenzene	7.069	146	325755	37.749	ng	99
15) Benzyl Alcohol	7.039	79	246740	37.654	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	465944	38.632	ng	100
17) 2-Methylphenol	7.145	107	240807	38.442	ng	99
18) Hexachloroethane	7.416	117	113080	35.909	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	198454	36.112	ng	100
20) 3+4-Methylphenols	7.304	107	293565	36.596	ng	98
22) Acetophenone	7.310	105	384928	36.591	ng	100
24) Nitrobenzene	7.487	77	301561	38.366	ng	100
25) Isophorone	7.722	82	539792	37.046	ng	99
26) 2-Nitrophenol	7.798	139	165491	39.404	ng	98
27) 2,4-Dimethylphenol	7.834	122	284888	38.464	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	346347	38.052	ng	100
29) 2,4-Dichlorophenol	8.039	162	264622	39.287	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	276712	37.854	ng	98
31) Naphthalene	8.210	128	882389	37.710	ng	100
32) Benzoic acid	7.939	122	185594	41.165	ng	97
33) 4-Chloroaniline	8.251	127	373200	39.361	ng	99
34) Hexachlorobutadiene	8.322	225	173096	37.923	ng	99
35) Caprolactam	8.622	113	79814	42.190	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	272961	39.543	ng	99
37) 2-Methylnaphthalene	8.898	142	541505	36.785	ng	100
38) 1-Methylnaphthalene	8.998	142	573711	37.677	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	281896	37.950	ng	100
41) Hexachlorocyclopentadiene	9.051	237	197231	39.361	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	198391	39.608	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	205060	38.818	ng	99
46) 1,1'-Biphenyl	9.363	154	764423	38.077	ng	100
47) 2-Chloronaphthalene	9.386	162	568213	38.309	ng	99
48) 2-Nitroaniline	9.480	65	171415	39.983	ng	98
49) Acenaphthylene	9.804	152	929079	37.095	ng	100
50) Dimethylphthalate	9.663	163	642337	37.620	ng	99
51) 2,6-Dinitrotoluene	9.722	165	143720	39.000	ng	100
52) Acenaphthene	9.975	154	582417	38.082	ng	98
53) 3-Nitroaniline	9.892	138	161621	40.154	ng	99
54) 2,4-Dinitrophenol	9.992	184	82111	43.128	ng	# 50
55) Dibenzofuran	10.145	168	865331	39.319	ng	99
56) 4-Nitrophenol	10.045	139	125889	42.389	ng	99
57) 2,4-Dinitrotoluene	10.128	165	198299	41.203	ng	99
58) Fluorene	10.492	166	636236	37.421	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	178973	40.584	ng	100
60) Diethylphthalate	10.363	149	665684	39.920	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	313464	37.531	ng	99
62) 4-Nitroaniline	10.504	138	153079	41.934	ng	98
63) Azobenzene	10.639	77	600280	40.078	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	108376	42.732	ng	99
66) n-Nitrosodiphenylamine	10.598	169	582997	37.498	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	199315	37.092	ng	98
68) Hexachlorobenzene	11.039	284	224843	37.832	ng	99
69) Atrazine	11.127	200	169442	41.037	ng	100
70) Pentachlorophenol	11.227	266	139087	41.451	ng	99
71) Phenanthrene	11.451	178	899035	37.018	ng	99
72) Anthracene	11.504	178	929254	37.490	ng	100
73) Carbazole	11.657	167	844734	39.865	ng	99
74) Di-n-butylphthalate	11.986	149	985689	42.497	ng	100
75) Fluoranthene	12.645	202	894775	39.429	ng	99
77) Benzidine	12.763	184	403570	46.900	ng	99
78) Pyrene	12.874	202	893560	41.425	ng	99
80) Butylbenzylphthalate	13.486	149	263643	44.233	ng	100
81) Benzo(a)anthracene	14.057	228	596289	38.618	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	179108	38.244	ng	99
83) Chrysene	14.098	228	516059	37.195	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	286630	37.565	ng	99
85) Di-n-octyl phthalate	14.663	149	485024	32.510	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	657271	37.546	ng	100
88) Benzo(b)fluoranthene	15.121	252	566876	41.075	ng	99
89) Benzo(k)fluoranthene	15.151	252	464361	35.924	ng	99
90) Benzo(a)pyrene	15.498	252	494710	38.029	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	539033	37.965	ng	98
92) Benzo(g,h,i)perylene	17.533	276	560492	39.468	ng	99

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

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