

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141903.D
 Acq On : 10 Mar 2025 13:57
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Mar 10 15:37:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:01:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	216861	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	872222	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	497194	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	827202	20.000	ng	0.00
76) Chrysene-d12	14.045	240	468454	20.000	ng	0.00
86) Perylene-d12	15.509	264	407346	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1490872	114.705	ng	0.00
7) Phenol-d6	6.510	99	1913610	115.601	ng	0.00
23) Nitrobenzene-d5	7.451	82	1899726	122.074	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	791365	125.609	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3716590	113.827	ng	0.00
79) Terphenyl-d14	12.992	244	3982780	125.675	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	325927	59.832	ng	99
3) Pyridine	3.440	79	786537	58.753	ng	99
4) n-Nitrosodimethylamine	3.404	42	386646	60.759	ng	100
6) Aniline	6.551	93	933875	57.146	ng	99
8) 2-Chlorophenol	6.669	128	835549	58.000	ng	97
9) Benzaldehyde	6.434	77	465511	50.311	ng	100
10) Phenol	6.528	94	996848	57.074	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	765071	58.464	ng	99
12) 1,3-Dichlorobenzene	6.828	146	911340	58.540	ng	99
13) 1,4-Dichlorobenzene	6.904	146	923545	58.635	ng	99
14) 1,2-Dichlorobenzene	7.057	146	873604	58.898	ng	99
15) Benzyl Alcohol	7.028	79	810347	60.480	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	957808	60.730	ng	99
17) 2-Methylphenol	7.134	107	701676	61.285	ng	99
18) Hexachloroethane	7.398	117	364561	61.734	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	644501	60.576	ng	99
20) 3+4-Methylphenols	7.292	107	868157	59.116	ng	# 81
22) Acetophenone	7.298	105	1226859	58.635	ng	97
24) Nitrobenzene	7.469	77	939508	60.889	ng	100
25) Isophorone	7.710	82	1695749	61.720	ng	100
26) 2-Nitrophenol	7.781	139	491301	64.978	ng	98
27) 2,4-Dimethylphenol	7.816	122	639505	61.408	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1039951	60.422	ng	99
29) 2,4-Dichlorophenol	8.022	162	791904	61.272	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	870403	61.044	ng	99
31) Naphthalene	8.186	128	2545181	56.961	ng	99
32) Benzoic acid	7.951	122	634105	69.664	ng	99
33) 4-Chloroaniline	8.233	127	920015	58.348	ng	99
34) Hexachlorobutadiene	8.304	225	559955	60.397	ng	99
35) Caprolactam	8.628	113	235861	60.015	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	874022	60.807	ng	98
37) 2-Methylnaphthalene	8.875	142	1744374	58.187	ng	99
38) 1-Methylnaphthalene	8.975	142	1692113	58.285	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	903928	59.627	ng	99
41) Hexachlorocyclopentadiene	9.028	237	375919	62.842	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	597686	60.479	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	618930	61.642	ng	99
46) 1,1'-Biphenyl	9.345	154	2134829	56.634	ng	99
47) 2-Chloronaphthalene	9.369	162	1625973	57.879	ng	100
48) 2-Nitroaniline	9.463	65	495229	61.368	ng	99
49) Acenaphthylene	9.786	152	2379216	57.125	ng	99
50) Dimethylphthalate	9.651	163	2006480	58.083	ng	100
51) 2,6-Dinitrotoluene	9.704	165	441383	61.441	ng	99
52) Acenaphthene	9.957	154	1737049	59.065	ng	99
53) 3-Nitroaniline	9.875	138	449553	60.945	ng	100
54) 2,4-Dinitrophenol	9.975	184	240530	60.329	ng	# 74
55) Dibenzofuran	10.127	168	2380973	56.781	ng	100
56) 4-Nitrophenol	10.027	139	343657	62.021	ng	98
57) 2,4-Dinitrotoluene	10.110	165	571731	60.461	ng	98
58) Fluorene	10.469	166	1840654	56.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	546621	60.002	ng	100
60) Diethylphthalate	10.345	149	1995827	57.552	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	977819	57.993	ng	97
62) 4-Nitroaniline	10.492	138	426741	59.702	ng	100
63) Azobenzene	10.622	77	1829282	56.784	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	330315	67.356	ng	98
66) n-Nitrosodiphenylamine	10.580	169	1583832	59.270	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	608246	59.044	ng	98
68) Hexachlorobenzene	11.016	284	673465	59.144	ng	97
70) Pentachlorophenol	11.204	266	462709	65.893	ng	100
71) Phenanthrene	11.433	178	2560092	57.232	ng	100
72) Anthracene	11.486	178	2570717	57.281	ng	100
73) Carbazole	11.633	167	2213331	57.284	ng	99
74) Di-n-butylphthalate	11.963	149	2916048	57.161	ng	99
75) Fluoranthene	12.616	202	2628993	55.984	ng	99
77) Benzidine	12.733	184	386007	58.309	ng	99
78) Pyrene	12.845	202	2562337	63.781	ng	99
80) Butylbenzylphthalate	13.463	149	1008043	63.676	ng	100
81) Benzo(a)anthracene	14.033	228	1850347	60.040	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	553078	62.091	ng	100
83) Chrysene	14.068	228	1705257	61.596	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1337474	61.582	ng	99
85) Di-n-octyl phthalate	14.633	149	1953184	64.613	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	1799372	68.115	ng	100
88) Benzo(b)fluoranthene	15.080	252	1698744	61.481	ng	99
89) Benzo(k)fluoranthene	15.115	252	1478389	61.253	ng	100
90) Benzo(a)pyrene	15.451	252	1323726	60.747	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1459934	66.981	ng	99
92) Benzo(g,h,i)perylene	17.462	276	1425582	65.942	ng	99

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

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