

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
 Data File : BF142470.D
 Acq On : 20 May 2025 13:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: May 20 16:55:08 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	94619	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	367495	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	204113	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	353003	20.000	ng	0.00
76) Chrysene-d12	14.068	240	179495	20.000	ng	0.00
86) Perylene-d12	15.563	264	165092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	231731	41.261	ng	-0.01
7) Phenol-d6	6.516	99	276122	40.843	ng	-0.02
23) Nitrobenzene-d5	7.463	82	278514	41.326	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	95535	42.171	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	635813	41.799	ng	-0.01
79) Terphenyl-d14	13.016	244	596097	45.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	44822	19.944	ng	99
3) Pyridine	3.440	79	114685	20.039	ng	99
4) n-Nitrosodimethylamine	3.375	42	59347	19.972	ng	99
6) Aniline	6.557	93	185773	20.437	ng	99
8) 2-Chlorophenol	6.681	128	124465	20.347	ng	99
9) Benzaldehyde	6.451	77	91686	22.548	ng	99
10) Phenol	6.534	94	155782	20.479	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	110538	20.187	ng	99
12) 1,3-Dichlorobenzene	6.840	146	139347	20.414	ng	100
13) 1,4-Dichlorobenzene	6.916	146	141061	20.515	ng	99
14) 1,2-Dichlorobenzene	7.069	146	135845	20.647	ng	99
15) Benzyl Alcohol	7.034	79	100072	20.030	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	187668	20.408	ng	100
17) 2-Methylphenol	7.145	107	97077	20.326	ng	99
18) Hexachloroethane	7.416	117	49500	20.617	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	85172	20.328	ng	99
20) 3+4-Methylphenols	7.298	107	126511	20.685	ng	95
22) Acetophenone	7.304	105	168730	20.741	ng	99
24) Nitrobenzene	7.481	77	124202	20.433	ng	99
25) Isophorone	7.716	82	227891	20.225	ng	100
26) 2-Nitrophenol	7.798	139	66130	20.361	ng	100
27) 2,4-Dimethylphenol	7.828	122	116913	20.412	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	144952	20.593	ng	98
29) 2,4-Dichlorophenol	8.034	162	106584	20.462	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	116666	20.638	ng	97
31) Naphthalene	8.204	128	374799	20.713	ng	100
32) Benzoic acid	7.910	122	64801	18.586	ng	99
33) 4-Chloroaniline	8.251	127	152901	20.853	ng	99
34) Hexachlorobutadiene	8.322	225	72441	20.523	ng	99
35) Caprolactam	8.598	113	30374	20.762	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	109793	20.567	ng	97
37) 2-Methylnaphthalene	8.898	142	237350	20.849	ng	98
38) 1-Methylnaphthalene	8.998	142	246831	20.961	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	119980	20.477	ng	100
41) Hexachlorocyclopentadiene	9.051	237	78243	19.796	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	82857	20.971	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	84935	20.383	ng	98
46) 1,1'-Biphenyl	9.363	154	325474	20.553	ng	99
47) 2-Chloronaphthalene	9.386	162	240148	20.526	ng	98
48) 2-Nitroaniline	9.475	65	69068	20.424	ng	97
49) Acenaphthylene	9.804	152	413782	20.945	ng	100
50) Dimethylphthalate	9.657	163	279113	20.724	ng	100
51) 2,6-Dinitrotoluene	9.716	165	59031	20.308	ng	97
52) Acenaphthene	9.975	154	250487	20.764	ng	98
53) 3-Nitroaniline	9.886	138	66847	21.055	ng	99
54) 2,4-Dinitrophenol	9.992	184	27863	18.553	ng	# 70
55) Dibenzofuran	10.145	168	360936	20.792	ng	99
56) 4-Nitrophenol	10.039	139	49352	21.067	ng	99
57) 2,4-Dinitrotoluene	10.122	165	79063	20.827	ng	99
58) Fluorene	10.486	166	279994	20.878	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	73538	21.140	ng	99
60) Diethylphthalate	10.357	149	277325	21.084	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	137985	20.944	ng	99
62) 4-Nitroaniline	10.498	138	61856	21.481	ng	98
63) Azobenzene	10.639	77	242545	20.530	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	38757	19.673	ng	97
66) n-Nitrosodiphenylamine	10.598	169	245739	20.348	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	84406	20.222	ng	96
68) Hexachlorobenzene	11.039	284	92803	20.102	ng	98
69) Atrazine	11.122	200	65656	20.471	ng	99
70) Pentachlorophenol	11.227	266	52525	20.152	ng	99
71) Phenanthrene	11.451	178	388317	20.584	ng	100
72) Anthracene	11.504	178	396704	20.604	ng	99
73) Carbazole	11.657	167	346558	21.055	ng	99
74) Di-n-butylphthalate	11.986	149	382324	21.221	ng	100
75) Fluoranthene	12.639	202	371226	21.059	ng	99
77) Benzidine	12.763	184	162031	24.258	ng	99
78) Pyrene	12.869	202	370789	22.144	ng	99
80) Butylbenzylphthalate	13.486	149	94290	20.379	ng	99
81) Benzo(a)anthracene	14.057	228	251858	21.013	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	72218	19.865	ng	99
83) Chrysene	14.098	228	214213	19.890	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	111015	18.743	ng	100
85) Di-n-octyl phthalate	14.663	149	198800	17.166	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	261271	21.080	ng	99
88) Benzo(b)fluoranthene	15.121	252	213487	21.849	ng	99
89) Benzo(k)fluoranthene	15.151	252	170316	18.611	ng	100
90) Benzo(a)pyrene	15.498	252	183983	19.976	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	210557	20.946	ng	99
92) Benzo(g,h,i)perylene	17.527	276	209719	20.859	ng	98

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

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