

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
 Data File : BF141238.D
 Acq On : 22 Jan 2025 16:35
 Operator : RC/JU
 Sample : PB166167BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166167BS

Quant Time: Jan 22 17:05:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	162146	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	643626	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	354213	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	605908	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	420035	20.000	ng	0.00
86) Perylene-d12	15.457	264	354890	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1380726	131.545	ng	0.00
7) Phenol-d6	6.439	99	1738658	130.769	ng	0.00
23) Nitrobenzene-d5	7.369	82	1115142	91.842	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	630996	156.341	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2117989	91.308	ng	-0.01
79) Terphenyl-d14	12.921	244	2569292	90.915	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.599	88	180990	38.722	ng	97
3) Pyridine	3.340	79	461340	40.249	ng	96
4) n-Nitrosodimethylamine	3.287	42	249532	44.524	ng	97
6) Aniline	6.469	93	442713	37.504	ng	# 91
8) 2-Chlorophenol	6.587	128	566740	50.327	ng	98
9) Benzaldehyde	6.351	77	61081	7.800	ng	95
10) Phenol	6.451	94	668331	46.958	ng	91
11) bis(2-Chloroethyl)ether	6.545	93	511704	48.243	ng	96
12) 1,3-Dichlorobenzene	6.745	146	576434	45.896	ng	98
13) 1,4-Dichlorobenzene	6.822	146	591510	46.736	ng	99
14) 1,2-Dichlorobenzene	6.975	146	558640	47.319	ng	98
15) Benzyl Alcohol	6.945	79	490574	51.092	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	688717	46.531	ng	95
17) 2-Methylphenol	7.063	107	451041	49.611	ng	97
18) Hexachloroethane	7.316	117	216394	47.279	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	375541	47.949	ng	97
20) 3+4-Methylphenols	7.216	107	550477	47.993	ng	# 81
22) Acetophenone	7.216	105	722451	47.217	ng	96
24) Nitrobenzene	7.386	77	575745	45.497	ng	99
25) Isophorone	7.628	82	1038398	50.043	ng	99
26) 2-Nitrophenol	7.704	139	300082	52.131	ng	99
27) 2,4-Dimethylphenol	7.739	122	459919	59.234	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	634928	48.757	ng	100
29) 2,4-Dichlorophenol	7.945	162	471622	51.143	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	482596	45.784	ng	99
31) Naphthalene	8.110	128	1615399	47.593	ng	100
32) Benzoic acid	7.863	122	379851	50.999	ng	98
33) 4-Chloroaniline	8.157	127	217730	18.548	ng	99
34) Hexachlorobutadiene	8.228	225	303387	47.767	ng	99
35) Caprolactam	8.528	113	155155m	51.391	ng	
36) 4-Chloro-3-methylphenol	8.645	107	516849	51.248	ng	99
37) 2-Methylnaphthalene	8.804	142	1069094	49.428	ng	99
38) 1-Methylnaphthalene	8.898	142	1002794	47.044	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	489644	48.162	ng	99
41) Hexachlorocyclopentadiene	8.957	237	611826	183.943	ng	100
43) 2,4,6-Trichlorophenol	9.080	196	357311	52.111	ng	99

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44) 2,4,5-Trichlorophenol	9.128	196	351171	48.494	ng	98
46) 1,1'-Biphenyl	9.269	154	1319228	47.958	ng	99
47) 2-Chloronaphthalene	9.292	162	1002677	46.799	ng	99
48) 2-Nitroaniline	9.386	65	314737	49.556	ng	99
49) Acenaphthylene	9.710	152	1562729	51.052	ng	99
50) Dimethylphthalate	9.575	163	1198998	50.421	ng	100
51) 2,6-Dinitrotoluene	9.633	165	269075	48.658	ng	100
52) Acenaphthene	9.880	154	1165701	54.507	ng	100
53) 3-Nitroaniline	9.798	138	158248	28.161	ng	100
54) 2,4-Dinitrophenol	9.910	184	306600	116.646	ng	94
55) Dibenzofuran	10.051	168	1415430	48.658	ng	99
56) 4-Nitrophenol	9.969	139	455874	103.584	ng	98
57) 2,4-Dinitrotoluene	10.039	165	365821	51.332	ng	97
58) Fluorene	10.398	166	1100277	48.686	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	319163	53.023	ng	100
60) Diethylphthalate	10.275	149	1158157	49.888	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	538064	48.850	ng	97
62) 4-Nitroaniline	10.416	138	272151	49.481	ng	98
63) Azobenzene	10.551	77	1120129	48.899	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	208689	59.438	ng	97
66) n-Nitrosodiphenylamine	10.510	169	993901	50.857	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	359499	51.535	ng	98
68) Hexachlorobenzene	10.945	284	401018	51.642	ng	98
69) Atrazine	11.039	200	343172	65.215	ng	99
70) Pentachlorophenol	11.139	266	501808	100.907	ng	99
71) Phenanthrene	11.357	178	1668196	51.283	ng	100
72) Anthracene	11.410	178	1688615	53.387	ng	99
73) Carbazole	11.563	167	1483880	51.164	ng	100
74) Di-n-butylphthalate	11.898	149	1776984	53.538	ng	100
75) Fluoranthene	12.551	202	1745216	53.763	ng	98
77) Benzidine	12.668	184	423059	54.313	ng	100
78) Pyrene	12.774	202	1786540	44.531	ng	99
80) Butylbenzylphthalate	13.398	149	716087	53.536	ng	98
81) Benzo(a)anthracene	13.968	228	1420280	49.685	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	249243	27.383	ng	99
83) Chrysene	14.010	228	1273722	47.620	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	896711	55.873	ng	99
85) Di-n-octyl phthalate	14.598	149	1432974	59.127	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	1225057	47.117	ng	98
88) Benzo(b)fluoranthene	15.033	252	1252041	54.711	ng	100
89) Benzo(k)fluoranthene	15.062	252	1008192	52.132	ng	100
90) Benzo(a)pyrene	15.398	252	1034601	54.796	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	980573	46.629	ng	98
92) Benzo(g,h,i)perylene	17.351	276	926433	42.354	ng	99

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

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