

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141714.D
 Acq On : 21 Feb 2025 12:14
 Operator : RC/JU
 Sample : PB166806BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166806BS

Quant Time: Feb 21 12:45:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	93892	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	364534	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	191905	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	311771	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	186393	20.000	ng	-0.02
86) Perylene-d12	15.374	264	169040	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	784579	131.004	ng	0.00
7) Phenol-d6	6.428	99	956210	126.323	ng	-0.01
23) Nitrobenzene-d5	7.345	82	628335	89.903	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	254738	132.141	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1179523	94.694	ng	-0.01
79) Terphenyl-d14	12.880	244	1157257	104.813	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	98834	41.003	ng	98
3) Pyridine	3.328	79	230380	40.164	ng	94
4) n-Nitrosodimethylamine	3.275	42	144107	37.943	ng	91
6) Aniline	6.445	93	234681	33.051	ng	# 80
8) 2-Chlorophenol	6.569	128	283507	43.810	ng	100
9) Benzaldehyde	6.328	77	118303	29.410	ng	97
10) Phenol	6.439	94	327586	41.580	ng	97
11) bis(2-Chloroethyl)ether	6.516	93	262160	44.302	ng	98
12) 1,3-Dichlorobenzene	6.722	146	290884	42.577	ng	97
13) 1,4-Dichlorobenzene	6.798	146	297968	42.687	ng	98
14) 1,2-Dichlorobenzene	6.945	146	283205	43.715	ng	99
15) Benzyl Alcohol	6.928	79	232590	40.069	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	401010	39.587	ng	75
17) 2-Methylphenol	7.045	107	219179	43.280	ng	97
18) Hexachloroethane	7.286	117	111223	43.054	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	191618	42.320	ng	94
20) 3+4-Methylphenols	7.198	107	284942	44.274	ng	97
22) Acetophenone	7.192	105	424561	46.820	ng	94
24) Nitrobenzene	7.369	77	286972	42.108	ng	97
25) Isophorone	7.604	82	518323	46.512	ng	98
26) 2-Nitrophenol	7.681	139	152077	44.852	ng	95
27) 2,4-Dimethylphenol	7.722	122	225466	56.921	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	315575	44.194	ng	100
29) 2,4-Dichlorophenol	7.928	162	236471	44.185	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	252073	43.252	ng	100
31) Naphthalene	8.086	128	807300	42.545	ng	100
32) Benzoic acid	7.869	122	162305m	39.448	ng	
33) 4-Chloroaniline	8.139	127	64059	9.669	ng	99
34) Hexachlorobutadiene	8.198	225	153773	43.950	ng	100
35) Caprolactam	8.510	113	80110m	49.162	ng	
36) 4-Chloro-3-methylphenol	8.633	107	253094	42.692	ng	99
37) 2-Methylnaphthalene	8.775	142	510185	41.318	ng	98
38) 1-Methylnaphthalene	8.875	142	498613	41.692	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	278516	50.165	ng	98
41) Hexachlorocyclopentadiene	8.928	237	263912	142.913	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	156640	43.652	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	171275	44.041	ng	97
46) 1,1'-Biphenyl	9.239	154	731985	49.199	ng	100
47) 2-Chloronaphthalene	9.263	162	499394	45.392	ng	99
48) 2-Nitroaniline	9.363	65	158099	42.819	ng	98
49) Acenaphthylene	9.675	152	763155	46.636	ng	99
50) Dimethylphthalate	9.539	163	590834	45.351	ng	100
51) 2,6-Dinitrotoluene	9.604	165	128751	45.208	ng	99
52) Acenaphthene	9.851	154	473646	43.053	ng	98
53) 3-Nitroaniline	9.775	138	69664	22.727	ng	96
54) 2,4-Dinitrophenol	9.892	184	135362	79.971	ng	91
55) Dibenzofuran	10.022	168	679499	42.080	ng	99
56) 4-Nitrophenol	9.957	139	165829	72.877	ng	93
57) 2,4-Dinitrotoluene	10.010	165	169094	44.600	ng	98
58) Fluorene	10.363	166	545912	43.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	147784	44.139	ng	95
60) Diethylphthalate	10.239	149	556470	43.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	265384	44.182	ng	98
62) 4-Nitroaniline	10.392	138	124740	40.077	ng	98
63) Azobenzene	10.516	77	524788	41.183	ng	95
65) 4,6-Dinitro-2-methylph...	10.422	198	91054	42.043	ng	92
66) n-Nitrosodiphenylamine	10.474	169	475632	47.658	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	162044	46.505	ng	99
68) Hexachlorobenzene	10.910	284	171673	47.846	ng	98
69) Atrazine	11.004	200	174833	58.394	ng	99
70) Pentachlorophenol	11.110	266	154877	67.506	ng	100
71) Phenanthrene	11.327	178	782861	45.617	ng	100
72) Anthracene	11.374	178	797708	46.240	ng	100
73) Carbazole	11.533	167	671874	43.283	ng	99
74) Di-n-butylphthalate	11.857	149	794544	44.329	ng	100
75) Fluoranthene	12.510	202	753505	41.414	ng	100
77) Benzidine	12.639	184	210700	51.256	ng	99
78) Pyrene	12.739	202	753153	47.466	ng	100
80) Butylbenzylphthalate	13.357	149	268872	48.922	ng	99
81) Benzo(a)anthracene	13.927	228	566639	45.733	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	110955	31.262	ng	98
83) Chrysene	13.963	228	515705	45.077	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	328288	52.962	ng	99
85) Di-n-octyl phthalate	14.521	149	478056	54.062	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	518958	49.686	ng	99
88) Benzo(b)fluoranthene	14.962	252	477712	42.088	ng	99
89) Benzo(k)fluoranthene	14.992	252	446474	46.066	ng	98
90) Benzo(a)pyrene	15.315	252	439317	47.834	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	419186	49.530	ng	99
92) Benzo(g,h,i)perylene	17.239	276	405312	45.764	ng	99

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

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