

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141711.D
 Acq On : 21 Feb 2025 10:44
 Operator : RC/JU
 Sample : PB166801BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166801BS

Quant Time: Feb 21 11:09:32 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	98102	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	387645	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	203514	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	329969	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	198795	20.000	ng	-0.02
86) Perylene-d12	15.374	264	177142	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	808912	129.270	ng	0.00
7) Phenol-d6	6.428	99	994338	125.722	ng	-0.01
23) Nitrobenzene-d5	7.351	82	647940	87.181	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	264836	129.543	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1219558	92.323	ng	-0.01
79) Terphenyl-d14	12.886	244	1218510	103.476	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	104362	41.438	ng	96
3) Pyridine	3.322	79	236765	39.506	ng	94
4) n-Nitrosodimethylamine	3.275	42	153943	38.793	ng	89
6) Aniline	6.445	93	261866	35.297	ng	# 78
8) 2-Chlorophenol	6.569	128	301721	44.623	ng	98
9) Benzaldehyde	6.334	77	131313	31.244	ng	97
10) Phenol	6.439	94	344749	41.880	ng	98
11) bis(2-Chloroethyl)ether	6.516	93	278677	45.072	ng	99
12) 1,3-Dichlorobenzene	6.722	146	308076	43.158	ng	98
13) 1,4-Dichlorobenzene	6.798	146	318560	43.679	ng	98
14) 1,2-Dichlorobenzene	6.951	146	303996	44.910	ng	98
15) Benzyl Alcohol	6.928	79	250709	41.337	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	427192	40.362	ng	76
17) 2-Methylphenol	7.045	107	228489	43.182	ng	97
18) Hexachloroethane	7.286	117	117146	43.401	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	203741	43.066	ng	95
20) 3+4-Methylphenols	7.198	107	295440	43.935	ng	99
22) Acetophenone	7.192	105	447336	46.390	ng	94
24) Nitrobenzene	7.369	77	300190	41.421	ng	97
25) Isophorone	7.604	82	541847	45.724	ng	99
26) 2-Nitrophenol	7.681	139	157786	43.761	ng	94
27) 2,4-Dimethylphenol	7.722	122	237360	56.351	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	337204	44.407	ng	100
29) 2,4-Dichlorophenol	7.928	162	248502	43.664	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	267225	43.118	ng	99
31) Naphthalene	8.086	128	843667	41.810	ng	100
32) Benzoic acid	7.869	122	175284m	40.063	ng	
33) 4-Chloroaniline	8.145	127	73680	10.458	ng	97
34) Hexachlorobutadiene	8.198	225	163218	43.868	ng	100
35) Caprolactam	8.510	113	83405m	48.133	ng	
36) 4-Chloro-3-methylphenol	8.633	107	267998	42.511	ng	100
37) 2-Methylnaphthalene	8.775	142	538527	41.013	ng	98
38) 1-Methylnaphthalene	8.875	142	517759	40.712	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	295896	50.255	ng	99
41) Hexachlorocyclopentadiene	8.927	237	270160	137.952	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	166988	43.881	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	182285	44.199	ng	99
46) 1,1'-Biphenyl	9.239	154	774093	49.061	ng	100
47) 2-Chloronaphthalene	9.263	162	526602	45.134	ng	99
48) 2-Nitroaniline	9.363	65	167967	42.897	ng	98
49) Acenaphthylene	9.675	152	792876	45.688	ng	99
50) Dimethylphthalate	9.539	163	628655	45.502	ng	99
51) 2,6-Dinitrotoluene	9.610	165	138349	45.807	ng	93
52) Acenaphthene	9.851	154	502253	43.050	ng	100
53) 3-Nitroaniline	9.774	138	81361	25.029	ng	100
54) 2,4-Dinitrophenol	9.892	184	144720	80.622	ng	92
55) Dibenzofuran	10.022	168	722362	42.182	ng	99
56) 4-Nitrophenol	9.957	139	185505	76.873	ng	95
57) 2,4-Dinitrotoluene	10.016	165	179382	44.614	ng	96
58) Fluorene	10.363	166	577290	43.599	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	157454	44.345	ng	94
60) Diethylphthalate	10.239	149	595032	43.774	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	281511	44.193	ng	97
62) 4-Nitroaniline	10.392	138	132291	40.078	ng	98
63) Azobenzene	10.516	77	563434	41.694	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	96863	42.259	ng	95
66) n-Nitrosodiphenylamine	10.474	169	504324	47.746	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	174022	47.188	ng	99
68) Hexachlorobenzene	10.910	284	180245	47.464	ng	99
69) Atrazine	11.004	200	190383	60.080	ng	98
70) Pentachlorophenol	11.110	266	172644	71.100	ng	99
71) Phenanthrene	11.327	178	824515	45.394	ng	100
72) Anthracene	11.374	178	845901	46.329	ng	100
73) Carbazole	11.533	167	715258	43.537	ng	100
74) Di-n-butylphthalate	11.863	149	850392	44.829	ng	100
75) Fluoranthene	12.510	202	799163	41.501	ng	100
77) Benzidine	12.639	184	168147	38.352	ng	99
78) Pyrene	12.739	202	809146	47.814	ng	100
80) Butylbenzylphthalate	13.357	149	286862	48.939	ng	99
81) Benzo(a)anthracene	13.927	228	600939	45.475	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	136201	35.981	ng	99
83) Chrysene	13.962	228	564019	46.225	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	353572	53.483	ng	100
85) Di-n-octyl phthalate	14.521	149	525103	55.678	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	569812	52.059	ng	99
88) Benzo(b)fluoranthene	14.962	252	497589	41.834	ng	99
89) Benzo(k)fluoranthene	14.992	252	492205	48.462	ng	99
90) Benzo(a)pyrene	15.315	252	475818	49.439	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	453192	51.099	ng	99
92) Benzo(g,h,i)perylene	17.239	276	444108	47.851	ng	100

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

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