

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141248.D
 Acq On : 23 Jan 2025 14:25
 Operator : RC/JU
 Sample : PB166188BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166188BS

Quant Time: Jan 23 15:06:06 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	158236	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	646513	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	362430	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	626834	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	402382	20.000	ng	0.00
86) Perylene-d12	15.469	264	345730	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1399407	136.619	ng	0.00
7) Phenol-d6	6.440	99	1785268	137.592	ng	0.00
23) Nitrobenzene-d5	7.369	82	1143319	93.742	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	666570	161.411	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2224922	93.744	ng	-0.01
79) Terphenyl-d14	12.927	244	2637294	97.415	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	178723	39.181	ng	98
3) Pyridine	3.340	79	469727	41.993	ng	97
4) n-Nitrosodimethylamine	3.293	42	252747	46.212	ng	95
6) Aniline	6.469	93	454217	39.429	ng	# 89
8) 2-Chlorophenol	6.587	128	583687	53.113	ng	98
9) Benzaldehyde	6.351	77	60564	7.925	ng	96
10) Phenol	6.451	94	689893	49.671	ng	91
11) bis(2-Chloroethyl)ether	6.540	93	517521	49.997	ng	97
12) 1,3-Dichlorobenzene	6.746	146	579422	47.273	ng	99
13) 1,4-Dichlorobenzene	6.822	146	589607	47.736	ng	100
14) 1,2-Dichlorobenzene	6.975	146	569737	49.451	ng	97
15) Benzyl Alcohol	6.946	79	503880	53.774	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	696252	48.203	ng	94
17) 2-Methylphenol	7.063	107	469773	52.948	ng	97
18) Hexachloroethane	7.316	117	216860	48.552	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	387993	50.763	ng	97
20) 3+4-Methylphenols	7.216	107	569736	50.899	ng	# 83
22) Acetophenone	7.216	105	743875	48.400	ng	96
24) Nitrobenzene	7.387	77	590129	46.426	ng	100
25) Isophorone	7.628	82	1079871	51.810	ng	99
26) 2-Nitrophenol	7.704	139	311780	53.921	ng	99
27) 2,4-Dimethylphenol	7.740	122	475587	60.978	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	659018	50.381	ng	99
29) 2,4-Dichlorophenol	7.945	162	490622	52.966	ng	100
30) 1,2,4-Trichlorobenzene	8.028	180	496016	46.847	ng	99
31) Naphthalene	8.110	128	1655728	48.563	ng	100
32) Benzoic acid	7.869	122	409797m	54.774	ng	
33) 4-Chloroaniline	8.157	127	210159	17.824	ng	99
34) Hexachlorobutadiene	8.228	225	306513	48.044	ng	99
35) Caprolactam	8.534	113	162183m	53.479	ng	
36) 4-Chloro-3-methylphenol	8.645	107	546233	53.920	ng	99
37) 2-Methylnaphthalene	8.804	142	1109589	51.072	ng	100
38) 1-Methylnaphthalene	8.904	142	1038342	48.494	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	508266	48.860	ng	98
41) Hexachlorocyclopentadiene	8.957	237	622458	182.897	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	370630	52.828	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	375277	50.648	ng	99
46) 1,1'-Biphenyl	9.269	154	1369531	48.658	ng	99
47) 2-Chloronaphthalene	9.292	162	1039608	47.422	ng	100
48) 2-Nitroaniline	9.387	65	332100	51.104	ng	99
49) Acenaphthylene	9.710	152	1639752	52.354	ng	99
50) Dimethylphthalate	9.575	163	1275182	52.409	ng	100
51) 2,6-Dinitrotoluene	9.634	165	286055	50.556	ng	99
52) Acenaphthene	9.881	154	1224161	55.943	ng	99
53) 3-Nitroaniline	9.798	138	162275	28.222	ng	97
54) 2,4-Dinitrophenol	9.910	184	332264	123.544	ng	96
55) Dibenzofuran	10.057	168	1506836	50.626	ng	100
56) 4-Nitrophenol	9.969	139	488072	108.385	ng	99
57) 2,4-Dinitrotoluene	10.039	165	391191	53.648	ng	99
58) Fluorene	10.398	166	1154604	49.932	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	340497	55.285	ng	98
60) Diethylphthalate	10.275	149	1219640	51.346	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	576360	51.140	ng	99
62) 4-Nitroaniline	10.422	138	286431	50.897	ng	100
63) Azobenzene	10.551	77	1172929	50.043	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	223475	61.524	ng	93
66) n-Nitrosodiphenylamine	10.510	169	1055164	52.189	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	384596	53.292	ng	98
68) Hexachlorobenzene	10.945	284	428911	53.390	ng	98
69) Atrazine	11.039	200	365243	67.092	ng	99
70) Pentachlorophenol	11.139	266	526852	102.406	ng	100
71) Phenanthrene	11.363	178	1762159	52.363	ng	100
72) Anthracene	11.416	178	1773743	54.206	ng	99
73) Carbazole	11.569	167	1556935	51.891	ng	100
74) Di-n-butylphthalate	11.898	149	1846109	53.764	ng	100
75) Fluoranthene	12.551	202	1818163	54.141	ng	99
77) Benzidine	12.669	184	438919	58.821	ng	99
78) Pyrene	12.780	202	1848439	48.095	ng	100
80) Butylbenzylphthalate	13.404	149	738737	57.652	ng	96
81) Benzo(a)anthracene	13.980	228	1383972	50.539	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	253549	29.078	ng	99
83) Chrysene	14.016	228	1278485	49.895	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	945873	61.522	ng	99
85) Di-n-octyl phthalate	14.610	149	1460558	62.910	ng	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	1247303	49.244	ng	98
88) Benzo(b)fluoranthene	15.051	252	1148414	51.513	ng	100
89) Benzo(k)fluoranthene	15.080	252	1078245	57.231	ng	99
90) Benzo(a)pyrene	15.416	252	1030861	56.045	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	1008039	49.205	ng	98
92) Benzo(g,h,i)perylene	17.374	276	943427	44.274	ng	99

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

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