

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142338.D
 Acq On : 13 May 2025 11:46
 Operator : RC/JU
 Sample : PB167951BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

Quant Time: May 13 12:12:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	241382	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	943250	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	511130	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	874805	20.000	ng	0.00
76) Chrysene-d12	14.074	240	500567	20.000	ng	0.00
86) Perylene-d12	15.563	264	474027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1707404	120.749	ng	0.02
7) Phenol-d6	6.534	99	2124088	122.136	ng	0.01
23) Nitrobenzene-d5	7.469	82	1278916	82.690	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	711687	144.216	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2593122	72.339	ng	0.00
79) Terphenyl-d14	13.016	244	2632861	77.850	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	207722	32.622	ng	100
3) Pyridine	3.534	79	570207	38.141	ng	98
4) n-Nitrosodimethylamine	3.487	42	355540	40.920	ng	99
6) Aniline	6.569	93	845882	49.588	ng	99
8) 2-Chlorophenol	6.687	128	680417	45.030	ng	100
9) Benzaldehyde	6.451	77	233348	22.925	ng	97
10) Phenol	6.545	94	849474	46.080	ng	96
11) bis(2-Chloroethyl)ether	6.640	93	681136	37.467	ng	99
12) 1,3-Dichlorobenzene	6.845	146	704235	40.738	ng	99
13) 1,4-Dichlorobenzene	6.922	146	710663	40.944	ng	99
14) 1,2-Dichlorobenzene	7.075	146	690036	41.418	ng	99
15) Benzyl Alcohol	7.045	79	547065	48.579	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1116178	41.115	ng	99
17) 2-Methylphenol	7.151	107	546222	44.651	ng	99
18) Hexachloroethane	7.422	117	247237	42.812	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	453917	42.195	ng	97
20) 3+4-Methylphenols	7.304	107	664649	43.533	ng	98
22) Acetophenone	7.316	105	871738	41.565	ng	99
24) Nitrobenzene	7.487	77	672452	46.124	ng	98
25) Isophorone	7.728	82	1282336	43.784	ng	100
26) 2-Nitrophenol	7.804	139	329627	47.001	ng	99
27) 2,4-Dimethylphenol	7.840	122	665591	45.201	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	806367	42.818	ng	100
29) 2,4-Dichlorophenol	8.045	162	580463	46.367	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	600381	42.613	ng	100
31) Naphthalene	8.210	128	1926661	42.145	ng	100
32) Benzoic acid	7.957	122	410434	51.001	ng	99
33) 4-Chloroaniline	8.263	127	237628	12.739	ng	99
34) Hexachlorobutadiene	8.328	225	361338	43.312	ng	100
35) Caprolactam	8.634	113	187405m	51.364	ng	
36) 4-Chloro-3-methylphenol	8.734	107	606490	46.604	ng	99
37) 2-Methylnaphthalene	8.898	142	1215435	42.787	ng	99
38) 1-Methylnaphthalene	8.998	142	1247683	42.141	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	583955	40.906	ng	99
41) Hexachlorocyclopentadiene	9.057	237	785517	89.036	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	445473	49.473	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	445249	46.473	ng	100
46) 1,1'-Biphenyl	9.369	154	1623648	41.430	ng	99
47) 2-Chloronaphthalene	9.392	162	1243156	42.654	ng	99
48) 2-Nitroaniline	9.486	65	375868	50.314	ng	91
49) Acenaphthylene	9.810	152	2071966	42.497	ng	100
50) Dimethylphthalate	9.669	163	1466822	44.691	ng	100
51) 2,6-Dinitrotoluene	9.728	165	323178	52.605	ng	92
52) Acenaphthene	9.981	154	1363722	46.518	ng	100
53) 3-Nitroaniline	9.898	138	262380	36.415	ng	94
54) 2,4-Dinitrophenol	10.004	184	334297	101.710	ng	# 1
55) Dibenzofuran	10.151	168	1836587	42.449	ng	98
56) 4-Nitrophenol	10.051	139	582316	107.384	ng	99
57) 2,4-Dinitrotoluene	10.133	165	440858	55.943	ng	97
58) Fluorene	10.498	166	1385694	41.968	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	396218	50.097	ng	97
60) Diethylphthalate	10.369	149	1485669	45.327	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	686859	43.118	ng	99
62) 4-Nitroaniline	10.516	138	349500	61.202	ng	98
63) Azobenzene	10.645	77	1356723	43.317	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	206766	50.299	ng	97
66) n-Nitrosodiphenylamine	10.604	169	1267302	43.535	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	444751	44.859	ng	99
68) Hexachlorobenzene	11.039	284	496845	45.558	ng	99
69) Atrazine	11.133	200	386080	50.314	ng	99
70) Pentachlorophenol	11.233	266	613387	106.915	ng	99
71) Phenanthrene	11.457	178	1971676	42.998	ng	99
72) Anthracene	11.510	178	2029462	43.074	ng	100
73) Carbazole	11.663	167	1865721	44.137	ng	100
74) Di-n-butylphthalate	11.992	149	2149539	48.360	ng	99
75) Fluoranthene	12.645	202	2004417	43.728	ng	100
77) Benzidine	12.763	184	668971	73.540	ng	99
78) Pyrene	12.874	202	2015964	45.246	ng	100
80) Butylbenzylphthalate	13.492	149	643503	49.376	ng	99
81) Benzo(a)anthracene	14.063	228	1480499	45.670	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	304866	40.441	ng	99
83) Chrysene	14.098	228	1358442	45.014	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	757616	45.030	ng	100
85) Di-n-octyl phthalate	14.668	149	1299418	43.450	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1527317	46.318	ng	99
88) Benzo(b)fluoranthene	15.127	252	1318721	45.933	ng	99
89) Benzo(k)fluoranthene	15.157	252	1269903	48.335	ng	100
90) Benzo(a)pyrene	15.504	252	1237919	48.117	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	1253090	45.998	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1243180	45.979	ng	99

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

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