

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142119.D
 Acq On : 27 Mar 2025 11:32
 Operator : RC/JU
 Sample : PB167326BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167326BS

Quant Time: Mar 27 12:18:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	126175	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	501164	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	285808	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	523441	20.000	ng	0.00
76) Chrysene-d12	14.039	240	335672	20.000	ng	0.00
86) Perylene-d12	15.509	264	340644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1072532	141.867	ng	0.00
7) Phenol-d6	6.498	99	1312954	136.401	ng	0.00
23) Nitrobenzene-d5	7.434	82	869036	97.584	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	638754	176.167	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1897399	100.962	ng	-0.01
79) Terphenyl-d14	12.980	244	2546209	112.147	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	135324	42.720	ng	95
3) Pyridine	3.469	79	310375	39.945	ng	98
4) n-Nitrosodimethylamine	3.410	42	154571	41.731	ng	96
6) Aniline	6.534	93	366935	38.642	ng	99
8) 2-Chlorophenol	6.657	128	395408	47.158	ng	97
9) Benzaldehyde	6.422	77	97113	18.039	ng	99
10) Phenol	6.516	94	456994	45.129	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	335436	44.114	ng	98
12) 1,3-Dichlorobenzene	6.810	146	417650	46.138	ng	99
13) 1,4-Dichlorobenzene	6.886	146	421353	46.005	ng	99
14) 1,2-Dichlorobenzene	7.039	146	405529	47.008	ng	98
15) Benzyl Alcohol	7.010	79	339424	43.618	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	372873	40.618	ng	97
17) 2-Methylphenol	7.122	107	309153	46.373	ng	100
18) Hexachloroethane	7.381	117	157602	45.888	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	256494	41.470	ng	99
20) 3+4-Methylphenols	7.275	107	388019	45.440	ng	# 82
22) Acetophenone	7.281	105	584221	48.678	ng	98
24) Nitrobenzene	7.451	77	394871	44.603	ng	98
25) Isophorone	7.692	82	726912	46.177	ng	99
26) 2-Nitrophenol	7.769	139	214259	49.310	ng	98
27) 2,4-Dimethylphenol	7.804	122	332815	55.626	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	436166	44.176	ng	99
29) 2,4-Dichlorophenol	8.010	162	343774	46.291	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	376847	46.046	ng	98
31) Naphthalene	8.175	128	1141148	44.327	ng	100
32) Benzoic acid	7.928	122	274273	52.150	ng	97
33) 4-Chloroaniline	8.222	127	196309	21.601	ng	98
34) Hexachlorobutadiene	8.292	225	251812	47.180	ng	99
35) Caprolactam	8.592	113	120311m	53.138	ng	
36) 4-Chloro-3-methylphenol	8.704	107	384941	46.467	ng	97
37) 2-Methylnaphthalene	8.869	142	751758	43.688	ng	99
38) 1-Methylnaphthalene	8.969	142	731284	44.040	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	452579	52.010	ng	99
41) Hexachlorocyclopentadiene	9.022	237	557528	163.714	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	270416	47.551	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	288518	50.092	ng	99
46) 1,1'-Biphenyl	9.333	154	1109852	51.107	ng	99
47) 2-Chloronaphthalene	9.357	162	770015	47.573	ng	98
48) 2-Nitroaniline	9.451	65	223530	47.696	ng	97
49) Acenaphthylene	9.775	152	1193906	49.706	ng	100
50) Dimethylphthalate	9.633	163	957304	47.831	ng	100
51) 2,6-Dinitrotoluene	9.692	165	208116	49.942	ng	96
52) Acenaphthene	9.945	154	913046	54.091	ng	100
53) 3-Nitroaniline	9.863	138	133185	31.508	ng	98
54) 2,4-Dinitrophenol	9.975	184	257293	106.313	ng	# 44
55) Dibenzofuran	10.116	168	1104870	45.809	ng	99
56) 4-Nitrophenol	10.027	139	334122	104.814	ng	95
57) 2,4-Dinitrotoluene	10.098	165	293007	53.834	ng	98
58) Fluorene	10.463	166	889864	47.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	267899	51.115	ng	96
60) Diethylphthalate	10.333	149	953151	47.760	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	468988	48.363	ng	96
62) 4-Nitroaniline	10.480	138	203602	49.474	ng	97
63) Azobenzene	10.610	77	833355	44.915	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	169843	54.429	ng	94
66) n-Nitrosodiphenylamine	10.569	169	790493	46.668	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	310148	47.179	ng	98
68) Hexachlorobenzene	11.010	284	362925	50.337	ng	93
69) Atrazine	11.098	200	335026	64.518	ng	98
70) Pentachlorophenol	11.204	266	438191	98.641	ng	99
71) Phenanthrene	11.422	178	1359458	48.084	ng	99
72) Anthracene	11.474	178	1384419	48.807	ng	100
73) Carbazole	11.627	167	1169220	47.797	ng	100
74) Di-n-butylphthalate	11.957	149	1522408	46.903	ng	100
75) Fluoranthene	12.610	202	1410852	47.043	ng	99
77) Benzidine	12.727	184	317283	67.748	ng	100
78) Pyrene	12.839	202	1390144	47.877	ng	99
80) Butylbenzylphthalate	13.457	149	533692	46.960	ng	96
81) Benzo(a)anthracene	14.027	228	1061326	48.183	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	215961	33.927	ng	100
83) Chrysene	14.063	228	977565	48.960	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	716468	45.724	ng	100
85) Di-n-octyl phthalate	14.627	149	1021804	46.866	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	1083029	49.149	ng	98
88) Benzo(b)fluoranthene	15.080	252	956611	40.975	ng	99
89) Benzo(k)fluoranthene	15.110	252	968970	48.499	ng	99
90) Benzo(a)pyrene	15.451	252	930924	50.960	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	881145	48.465	ng	98
92) Benzo(g,h,i)perylene	17.456	276	805139	44.813	ng	98

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

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