Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
Data File : BF143910.D
Acq On : 09 Oct 2025 15:47
Operator : RC/JU
Sample : PB170041BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 09 16:44:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170041BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/10/2025
Supervised By :Jagrut Upadhyay 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	101937	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	406737	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	224648	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	391565	20.000	ng		0.00
76) Chrysene-d12	14.062	240	243371	20.000	ng		0.00
86) Perylene-d12	15.539	264	232424	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	998215	155.503	ng		0.01
7) Phenol-d6	6.510	99	1181398	154.401	ng		0.00
23) Nitrobenzene-d5	7.445	82	755286	112.818	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	389355	174.010	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1407616	99.423	ng		-0.01
79) Terphenyl-d14	13.004	244	1654882	116.214	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	144549	48.661	ng		98
3) Pyridine	3.493	79	425793	49.238	ng		96
4) n-Nitrosodimethylamine	3.440	42	251410	55.266	ng		95
6) Aniline	6.545	93	473696	41.314	ng		99
8) 2-Chlorophenol	6.669	128	352563	56.187	ng		98
9) Benzaldehyde	6.434	77	211993	35.917	ng		99
10) Phenol	6.522	94	495727	54.192	ng		96
11) bis(2-Chloroethyl)ether	6.616	93	383695	54.300	ng		98
12) 1,3-Dichlorobenzene	6.822	146	406314	54.095	ng		99
13) 1,4-Dichlorobenzene	6.898	146	412290	55.647	ng		100
14) 1,2-Dichlorobenzene	7.051	146	395105	55.675	ng		99
15) Benzyl Alcohol	7.022	79	331837	57.883	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	881581	54.809	ng		100
17) 2-Methylphenol	7.134	107	291195	56.153	ng		99
18) Hexachloroethane	7.392	117	135566	54.865	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	278413	53.158	ng		99
20) 3+4-Methylphenols	7.286	107	320808	53.377	ng	#	73
22) Acetophenone	7.292	105	500648	58.214	ng		99
24) Nitrobenzene	7.463	77	408949	55.006	ng		98
25) Isophorone	7.704	82	750619	53.174	ng		99
26) 2-Nitrophenol	7.781	139	195445	61.317	ng		98
27) 2,4-Dimethylphenol	7.816	122	332124	57.924	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	466088	52.270	ng		99
29) 2,4-Dichlorophenol	8.022	162	316556	53.002	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	334461	56.941	ng		99
31) Naphthalene	8.186	128	982231	53.087	ng		99
32) Benzoic acid	7.933	122	248603	62.649	ng		96
33) 4-Chloroaniline	8.233	127	175248	25.255	ng		98
34) Hexachlorobutadiene	8.304	225	212864	52.151	ng		98
35) Caprolactam	8.604	113	109011m	57.404	ng		
36) 4-Chloro-3-methylphenol	8.716	107	308805	53.827	ng		97
37) 2-Methylnaphthalene	8.880	142	595486	48.316	ng		100
38) 1-Methylnaphthalene	8.980	142	593303	49.629	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	351552	56.620	ng		98
41) Hexachlorocyclopentadiene	9.033	237	360322	139.885	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	246042	54.234	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	255802	53.357	ng	99
46) 1,1'-Biphenyl	9.345	154	849986	57.147	ng	99
47) 2-Chloronaphthalene	9.369	162	645070	52.017	ng	99
48) 2-Nitroaniline	9.463	65	234508	59.813	ng	99
49) Acenaphthylene	9.786	152	1043714	59.866	ng	99
50) Dimethylphthalate	9.645	163	777510	54.501	ng	99
51) 2,6-Dinitrotoluene	9.704	165	168860	63.832	ng	100
52) Acenaphthene	9.957	154	647263	56.659	ng	99
53) 3-Nitroaniline	9.875	138	123609	38.161	ng	98
54) 2,4-Dinitrophenol	9.986	184	174327	104.506	ng	91
55) Dibenzofuran	10.133	168	851872	52.826	ng	99
56) 4-Nitrophenol	10.033	139	265368	108.201	ng	93
57) 2,4-Dinitrotoluene	10.110	165	232995	64.732	ng	99
58) Fluorene	10.474	166	633786	52.085	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	203736m	60.034	ng	
60) Diethylphthalate	10.345	149	732531	55.271	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	335760	52.191	ng	97
62) 4-Nitroaniline	10.492	138	182668	58.645	ng	94
63) Azobenzene	10.627	77	777129	56.104	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	126240	64.156	ng	97
66) n-Nitrosodiphenylamine	10.586	169	664065	54.012	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	230107	53.174	ng	98
68) Hexachlorobenzene	11.022	284	273270	54.546	ng	99
69) Atrazine	11.116	200	213415	57.270	ng	97
70) Pentachlorophenol	11.216	266	295379	102.658	ng	97
71) Phenanthrene	11.439	178	994735	52.401	ng	99
72) Anthracene	11.492	178	1024495	53.422	ng	99
73) Carbazole	11.645	167	929894	54.749	ng	99
74) Di-n-butylphthalate	11.974	149	1120182	56.905	ng	100
75) Fluoranthene	12.633	202	1084819	55.325	ng	99
77) Benzidine	12.751	184	345427	40.877	ng	98
78) Pyrene	12.863	202	1073722	52.920	ng	99
80) Butylbenzylphthalate	13.480	149	415861	63.111	ng	99
81) Benzo(a)anthracene	14.051	228	872461	54.781	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	153544	31.636	ng	95
83) Chrysene	14.092	228	829822	56.297	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	500031	62.951	ng	99
85) Di-n-octyl phthalate	14.657	149	795329	60.963	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	836195	58.715	ng	99
88) Benzo(b)fluoranthene	15.109	252	728625	54.574	ng	99
89) Benzo(k)fluoranthene	15.139	252	714448	57.831	ng	99
90) Benzo(a)pyrene	15.480	252	688298	59.455	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	673912	58.836	ng	99
92) Benzo(g,h,i)perylene	17.498	276	683915	59.709	ng	98

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

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