Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143703.D
Acq On : 11 Sep 2025 13:29
Operator : RC/JU
Sample : PB169649BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 13:58:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169649BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
09/12/2025
Supervised By :Jagrut Upadhyay
09/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	40211	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	154102	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	87739	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	139957	20.000	ng	0.01
76) Chrysene-d12	14.062	240	87066	20.000	ng	0.02
86) Perylene-d12	15.539	264	93680	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	291463	123.667	ng	0.02
7) Phenol-d6	6.516	99	353330	123.125	ng	0.01
23) Nitrobenzene-d5	7.457	82	213705	86.258	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	116429	131.675	ng	0.02
45) 2-Fluorobiphenyl	9.251	172	496689	85.516	ng	0.00
79) Terphenyl-d14	13.010	244	456842	85.030	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	39333	37.413	ng	99
3) Pyridine	3.516	79	102357	37.690	ng	99
4) n-Nitrosodimethylamine	3.469	42	46219	44.803	ng	98
6) Aniline	6.557	93	136579	35.934	ng	98
8) 2-Chlorophenol	6.675	128	114210	44.868	ng	98
9) Benzaldehyde	6.445	77	47158	20.368	ng	97
10) Phenol	6.528	94	146830	46.287	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	105263	44.431	ng	96
12) 1,3-Dichlorobenzene	6.833	146	130943	44.979	ng	99
13) 1,4-Dichlorobenzene	6.910	146	134506	45.776	ng	99
14) 1,2-Dichlorobenzene	7.063	146	127305	45.879	ng	99
15) Benzyl Alcohol	7.033	79	96930	46.435	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	133290	43.003	ng	97
17) 2-Methylphenol	7.139	107	93201	45.516	ng	99
18) Hexachloroethane	7.410	117	41482	43.703	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	80100	45.448	ng	98
20) 3+4-Methylphenols	7.292	107	120245	44.594	ng	91
22) Acetophenone	7.304	105	160934	46.240	ng	98
24) Nitrobenzene	7.475	77	112809	43.914	ng	98
25) Isophorone	7.716	82	215669	45.397	ng	99
26) 2-Nitrophenol	7.792	139	58371	46.214	ng	97
27) 2,4-Dimethylphenol	7.822	122	111435	49.146	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	131305	44.975	ng	99
29) 2,4-Dichlorophenol	8.027	162	101421	44.466	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	111788	47.308	ng	99
31) Naphthalene	8.198	128	340959	44.695	ng	99
32) Benzoic acid	7.928	122	67802	49.013	ng	96
33) 4-Chloroaniline	8.239	127	75435	28.405	ng	98
34) Hexachlorobutadiene	8.316	225	69978	45.403	ng	98
35) Caprolactam	8.610	113	27627m	45.509	ng	
36) 4-Chloro-3-methylphenol	8.722	107	102384	45.525	ng	94
37) 2-Methylnaphthalene	8.886	142	210801	40.368	ng	100
38) 1-Methylnaphthalene	8.986	142	219412	43.782	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	112492	44.785	ng	98
41) Hexachlorocyclopentadiene	9.045	237	156247	121.163	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	78163	46.602	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	80125	46.991	ng		99
46)	1,1'-Biphenyl	9.357	154	292219	46.263	ng		100
47)	2-Chloronaphthalene	9.380	162	220204	44.469	ng		99
48)	2-Nitroaniline	9.469	65	60008	45.792	ng		97
49)	Acenaphthylene	9.798	152	357813	50.444	ng		99
50)	Dimethylphthalate	9.657	163	263218	46.109	ng		100
51)	2,6-Dinitrotoluene	9.716	165	56108	51.406	ng		96
52)	Acenaphthene	9.969	154	237313	48.551	ng		99
53)	3-Nitroaniline	9.880	138	39126	33.310	ng		97
54)	2,4-Dinitrophenol	9.986	184	56553	95.172	ng	#	52
55)	Dibenzofuran	10.139	168	320805	45.643	ng		100
56)	4-Nitrophenol	10.033	139	85578	91.579	ng		98
57)	2,4-Dinitrotoluene	10.116	165	73564	49.522	ng		98
58)	Fluorene	10.486	166	254614	46.278	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.257	232	67535	48.846	ng		99
60)	Diethylphthalate	10.357	149	250321	46.707	ng		99
61)	4-Chlorophenyl-phenyle...	10.474	204	129231	46.314	ng		99
62)	4-Nitroaniline	10.498	138	50571	45.458	ng		99
63)	Azobenzene	10.633	77	221391	46.727	ng		98
65)	4,6-Dinitro-2-methylph...	10.521	198	34805	48.844	ng		98
66)	n-Nitrosodiphenylamine	10.592	169	217761	47.494	ng		99
67)	4-Bromophenyl-phenylether	10.968	248	78324	46.407	ng		99
68)	Hexachlorobenzene	11.033	284	82998	46.573	ng		98
69)	Atrazine	11.121	200	67881	47.218	ng		98
70)	Pentachlorophenol	11.221	266	101943	94.630	ng		98
71)	Phenanthrene	11.445	178	351627	45.598	ng		100
72)	Anthracene	11.498	178	357142	46.060	ng		100
73)	Carbazole	11.651	167	289440	45.580	ng		100
74)	Di-n-butylphthalate	11.980	149	352178	46.065	ng		100
75)	Fluoranthene	12.633	202	310005	43.791	ng		100
77)	Benzidine	12.751	184	83570	29.434	ng		99
78)	Pyrene	12.862	202	308890	44.373	ng		99
80)	Butylbenzylphthalate	13.480	149	105341	48.297	ng		98
81)	Benzo(a)anthracene	14.051	228	253647	45.284	ng		99
82)	3,3'-Dichlorobenzidine	14.015	252	59869	34.743	ng		98
83)	Chrysene	14.086	228	239433	46.672	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.045	149	156393	50.254	ng		100
85)	Di-n-octyl phthalate	14.656	149	279369	50.095	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.039	276	304548	47.634	ng		100
88)	Benzo(b)fluoranthene	15.109	252	251903	45.171	ng		99
89)	Benzo(k)fluoranthene	15.139	252	239869	47.660	ng		99
90)	Benzo(a)pyrene	15.480	252	242075	49.411	ng		100
91)	Dibenzo(a,h)anthracene	17.062	278	258057	48.649	ng		99
92)	Benzo(g,h,i)perylene	17.497	276	242326	48.840	ng		99

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

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