Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143777.D
Acq On : 16 Sep 2025 17:22
Operator : RC/JU
Sample : PB169696BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 17 01:46:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 17 01:44:23 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169696BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	4147	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	15087	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	7826	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	10752	20.000	ng		0.00
76) Chrysene-d12	14.068	240	6785	20.000	ng		0.00
86) Perylene-d12	15.545	264	6021	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	33568	129.228	ng		0.00
7) Phenol-d6	6.516	99	38279	126.174	ng		-0.01
23) Nitrobenzene-d5	7.451	82	22020	86.363	ng		-0.02
42) 2,4,6-Tribromophenol	10.722	330	9387	118.922	ng		-0.01
45) 2-Fluorobiphenyl	9.251	172	47728	83.957	ng		0.00
79) Terphenyl-d14	13.010	244	37131	85.233	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	5272	39.010	ng		96
3) Pyridine	3.504	79	13320	39.878	ng		95
4) n-Nitrosodimethylamine	3.457	42	5639	47.536	ng		98
6) Aniline	6.557	93	13814	34.833	ng		98
8) 2-Chlorophenol	6.675	128	11626	41.544	ng		95
9) Benzaldehyde	6.440	77	4838	25.828	ng		88
10) Phenol	6.528	94	15279	45.270	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	11013	43.829	ng		98
12) 1,3-Dichlorobenzene	6.834	146	13796	44.283	ng		98
13) 1,4-Dichlorobenzene	6.910	146	14085	45.644	ng		98
14) 1,2-Dichlorobenzene	7.063	146	13008	44.804	ng		99
15) Benzyl Alcohol	7.028	79	9001	44.402	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.169	45	12164	43.463	ng		99
17) 2-Methylphenol	7.139	107	9007	42.959	ng		93
18) Hexachloroethane	7.404	117	4288	44.402	ng		86
19) n-Nitroso-di-n-propyla...	7.304	70	8030	45.561	ng		95
20) 3+4-Methylphenols	7.292	107	12211	44.246	ng		91
22) Acetophenone	7.298	105	16972	47.647	ng		95
24) Nitrobenzene	7.475	77	11138	43.079	ng		98
25) Isophorone	7.710	82	20877	45.208	ng	#	96
26) 2-Nitrophenol	7.787	139	6167	44.185	ng	#	93
27) 2,4-Dimethylphenol	7.822	122	10653	48.127	ng		95
28) bis(2-Chloroethoxy)met...	7.922	93	12693	44.097	ng		98
29) 2,4-Dichlorophenol	8.028	162	9886	45.489	ng		95
30) 1,2,4-Trichlorobenzene	8.116	180	10442	44.577	ng		98
31) Naphthalene	8.198	128	33200	43.083	ng		98
32) Benzoic acid	7.922	122	5758	46.383	ng		95
33) 4-Chloroaniline	8.239	127	7518	29.247	ng		97
34) Hexachlorobutadiene	8.316	225	6320	42.081	ng		94
35) Caprolactam	8.604	113	2338m	44.643	ng		
36) 4-Chloro-3-methylphenol	8.716	107	9062	42.180	ng		98
37) 2-Methylnaphthalene	8.886	142	18842	37.828	ng		99
38) 1-Methylnaphthalene	8.986	142	20166	41.476	ng		97
40) 1,2,4,5-Tetrachloroben...	9.051	216	10599	44.899	ng		98
41) Hexachlorocyclopentadiene	9.039	237	14052	108.933	ng		95
43) 2,4,6-Trichlorophenol	9.163	196	6659	41.789	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	7002	43.987	ng		91
46) 1,1'-Biphenyl	9.351	154	26541	44.142	ng		99
47) 2-Chloronaphthalene	9.375	162	20110	42.970	ng		99
48) 2-Nitroaniline	9.469	65	5371	43.799	ng		89
49) Acenaphthylene	9.792	152	31095	47.278	ng		97
50) Dimethylphthalate	9.651	163	21781	42.346	ng	#	98
51) 2,6-Dinitrotoluene	9.710	165	4640	43.760	ng		94
52) Acenaphthene	9.969	154	21090	47.846	ng		98
53) 3-Nitroaniline	9.880	138	3348	29.941	ng		94
54) 2,4-Dinitrophenol	9.986	184	5031	74.159	ng	#	32
55) Dibenzofuran	10.139	168	27743	43.342	ng		96
56) 4-Nitrophenol	10.033	139	7282	85.986	ng		99
57) 2,4-Dinitrotoluene	10.116	165	6282	42.572	ng		96
58) Fluorene	10.480	166	22570	45.096	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.251	232	5419	44.436	ng	#	97
60) Diethylphthalate	10.351	149	20494	43.398	ng		96
61) 4-Chlorophenyl-phenyle...	10.475	204	10731	42.742	ng		97
62) 4-Nitroaniline	10.492	138	4397	41.165	ng		96
63) Azobenzene	10.633	77	18295	43.899	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	3527	48.438	ng		97
66) n-Nitrosodiphenylamine	10.592	169	17978	47.912	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	6221	46.831	ng		97
68) Hexachlorobenzene	11.027	284	6828	48.308	ng		100
69) Atrazine	11.116	200	5519	49.523	ng		90
70) Pentachlorophenol	11.222	266	7785	99.760	ng		98
71) Phenanthrene	11.445	178	27453	44.303	ng		100
72) Anthracene	11.498	178	28226	44.668	ng		99
73) Carbazole	11.651	167	24045	46.682	ng		100
74) Di-n-butylphthalate	11.980	149	29135	46.562	ng		98
75) Fluoranthene	12.633	202	24820	43.414	ng		98
77) Benzidine	12.757	184	6337	30.194	ng		97
78) Pyrene	12.863	202	24787m	44.897	ng		
80) Butylbenzylphthalate	13.486	149	9253	48.491	ng		92
81) Benzo(a)anthracene	14.057	228	20510	45.938	ng		97
82) 3,3'-Dichlorobenzidine	14.016	252	4167	32.624	ng		96
83) Chrysene	14.092	228	17530	43.042	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	13858	53.530	ng		94
85) Di-n-octyl phthalate	14.657	149	21009	48.073	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	18677	48.463	ng		98
88) Benzo(b)fluoranthene	15.110	252	18619	49.942	ng		99
89) Benzo(k)fluoranthene	15.145	252	16386	50.121	ng		99
90) Benzo(a)pyrene	15.486	252	16307	50.756	ng	#	97
91) Dibenzo(a,h)anthracene	17.068	278	15705	50.723	ng		98
92) Benzo(g,h,i)perylene	17.509	276	14400	48.516	ng		98

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

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