Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112025\
Data File : BF144292.D
Acq On : 20 Nov 2025 13:54
Operator : RC/JU
Sample : PB170631BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 14:18:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170631BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	64956	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	256491	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	147675	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	246268	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	145057	20.000	ng		0.00
86) Perylene-d12	15.521	264	168439	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	470733	113.406	ng		0.00
7) Phenol-d6	6.498	99	545318	115.944	ng		0.00
23) Nitrobenzene-d5	7.428	82	350945	79.024	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	217640	117.443	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	759358	75.945	ng		0.00
79) Terphenyl-d14	12.980	244	767648	84.059	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	66630	38.827	ng		100
3) Pyridine	3.457	79	172131	35.953	ng		98
4) n-Nitrosodimethylamine	3.398	42	107324	42.915	ng		93
6) Aniline	6.528	93	209370	31.244	ng	#	86
8) 2-Chlorophenol	6.651	128	173619	42.651	ng		99
9) Benzaldehyde	6.416	77	65954	24.834	ng		99
10) Phenol	6.516	94	233571	40.646	ng		86
11) bis(2-Chloroethyl)ether	6.598	93	183970	43.936	ng		99
12) 1,3-Dichlorobenzene	6.804	146	206809	41.171	ng		99
13) 1,4-Dichlorobenzene	6.881	146	213099	42.346	ng		98
14) 1,2-Dichlorobenzene	7.034	146	203406	42.170	ng		99
15) Benzyl Alcohol	7.010	79	168811	45.328	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	339051	43.971	ng		99
17) 2-Methylphenol	7.122	107	141706	43.758	ng		95
18) Hexachloroethane	7.375	117	68501	40.972	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	130426	42.125	ng		93
20) 3+4-Methylphenols	7.275	107	164001	42.960	ng		93
22) Acetophenone	7.275	105	250774	45.576	ng		97
24) Nitrobenzene	7.445	77	199168	41.305	ng		99
25) Isophorone	7.686	82	373814	44.500	ng		99
26) 2-Nitrophenol	7.763	139	103624	43.413	ng		97
27) 2,4-Dimethylphenol	7.798	122	168863	47.200	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	230384	43.919	ng		99
29) 2,4-Dichlorophenol	8.004	162	174696	42.367	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	179426	42.376	ng		98
31) Naphthalene	8.169	128	500681	41.036	ng		99
32) Benzoic acid	7.939	122	140381	53.531	ng		93
33) 4-Chloroaniline	8.216	127	117376	26.377	ng		99
34) Hexachlorobutadiene	8.281	225	126366	39.600	ng		99
35) Caprolactam	8.592	113	54749m	48.464	ng		
36) 4-Chloro-3-methylphenol	8.704	107	164164	44.423	ng		99
37) 2-Methylnaphthalene	8.857	142	316647	38.817	ng		100
38) 1-Methylnaphthalene	8.957	142	317678	40.360	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	206268	42.619	ng		99
41) Hexachlorocyclopentadiene	9.010	237	139695	75.578	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	138394	42.013	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	147482	41.542	ng	98
46) 1,1'-Biphenyl	9.322	154	468833	45.482	ng	99
47) 2-Chloronaphthalene	9.351	162	356498	40.543	ng	99
48) 2-Nitroaniline	9.451	65	111786	44.061	ng	94
49) Acenaphthylene	9.769	152	548624	45.786	ng	99
50) Dimethylphthalate	9.627	163	431866	44.144	ng	99
51) 2,6-Dinitrotoluene	9.692	165	91017	45.958	ng	97
52) Acenaphthene	9.939	154	309875	38.672	ng	99
53) 3-Nitroaniline	9.863	138	71538	33.044	ng	96
54) 2,4-Dinitrophenol	9.975	184	107086	89.545	ng	98
55) Dibenzofuran	10.110	168	457873	40.800	ng	99
56) 4-Nitrophenol	10.033	139	125541	80.166	ng	98
57) 2,4-Dinitrotoluene	10.098	165	120677	45.518	ng	94
58) Fluorene	10.457	166	359964	42.188	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	112290	44.705	ng	97
60) Diethylphthalate	10.327	149	402192	44.596	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	200437	41.240	ng	98
62) 4-Nitroaniline	10.480	138	89447	43.385	ng	96
63) Azobenzene	10.604	77	371851	44.303	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	74303	44.413	ng	99
66) n-Nitrosodiphenylamine	10.563	169	358438	45.254	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	133783	42.560	ng	97
68) Hexachlorobenzene	11.004	284	156941	42.388	ng	97
69) Atrazine	11.092	200	121432	48.208	ng	97
70) Pentachlorophenol	11.204	266	163403	88.628	ng	98
71) Phenanthrene	11.421	178	533588	43.518	ng	99
72) Anthracene	11.474	178	528976	42.428	ng	99
73) Carbazole	11.627	167	454949	42.913	ng	98
74) Di-n-butylphthalate	11.951	149	595563	46.469	ng	100
75) Fluoranthene	12.610	202	526871	41.597	ng	100
77) Benzidine	12.733	184	81512	18.997	ng	100
78) Pyrene	12.839	202	517997	44.289	ng	99
80) Butylbenzylphthalate	13.457	149	191861	47.331	ng	97
81) Benzo(a)anthracene	14.033	228	451245	44.884	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	122492	35.545	ng	96
83) Chrysene	14.068	228	414304	44.641	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	252215	45.451	ng	99
85) Di-n-octyl phthalate	14.627	149	420561	43.927	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	479577	39.663	ng	98
88) Benzo(b)fluoranthene	15.086	252	484028	50.545	ng	100
89) Benzo(k)fluoranthene	15.121	252	429632	47.933	ng	98
90) Benzo(a)pyrene	15.457	252	439597	49.760	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	395045	40.682	ng	98
92) Benzo(g,h,i)perylene	17.474	276	373437	38.943	ng	99

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

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