Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101425\
Data File : BF143948.D
Acq On : 14 Oct 2025 15:37
Operator : RC/JU
Sample : PB170067BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 14 15:59:02 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 :
PB170067BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	118816	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	463801	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	249783	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	432264	20.000	ng		0.00
76) Chrysene-d12	14.069	240	248238	20.000	ng		0.00
86) Perylene-d12	15.551	264	243737	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	868018	116.011	ng		0.00
7) Phenol-d6	6.510	99	1035874	116.150	ng		0.00
23) Nitrobenzene-d5	7.446	82	652030	85.412	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	314732	126.506	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1240494	78.802	ng		0.00
79) Terphenyl-d14	13.004	244	1358582	93.536	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	136737	39.492	ng		96
3) Pyridine	3.493	79	404140	40.095	ng		96
4) n-Nitrosodimethylamine	3.440	42	232930	43.930	ng		90
6) Aniline	6.546	93	458755	34.327	ng		97
8) 2-Chlorophenol	6.669	128	321500	43.958	ng		99
9) Benzaldehyde	6.434	77	189528	27.549	ng		98
10) Phenol	6.522	94	454815m	42.657	ng		
11) bis(2-Chloroethyl)ether	6.616	93	358424	43.518	ng		98
12) 1,3-Dichlorobenzene	6.822	146	371552	42.440	ng		100
13) 1,4-Dichlorobenzene	6.898	146	379549	43.950	ng		99
14) 1,2-Dichlorobenzene	7.051	146	359801	43.498	ng		98
15) Benzyl Alcohol	7.022	79	308764	46.207	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	850130	45.346	ng		99
17) 2-Methylphenol	7.134	107	268790	44.469	ng		98
18) Hexachloroethane	7.393	117	124418	43.200	ng		99
19) n-Nitroso-di-n-propyla...	7.293	70	257057	42.108	ng		97
20) 3+4-Methylphenols	7.287	107	301806	43.082	ng	#	74
22) Acetophenone	7.293	105	458140	46.717	ng		98
24) Nitrobenzene	7.463	77	389825	45.983	ng		100
25) Isophorone	7.704	82	710540	44.142	ng		99
26) 2-Nitrophenol	7.781	139	181051	49.813	ng		99
27) 2,4-Dimethylphenol	7.816	122	317944	48.629	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	453330	44.584	ng		98
29) 2,4-Dichlorophenol	8.022	162	296950	43.602	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	304245	45.424	ng		99
31) Naphthalene	8.187	128	893956	42.372	ng		99
32) Benzoic acid	7.940	122	232305m	51.339	ng		
33) 4-Chloroaniline	8.234	127	173845	21.970	ng		99
34) Hexachlorobutadiene	8.304	225	194584	41.807	ng		98
35) Caprolactam	8.604	113	100966m	46.626	ng		
36) 4-Chloro-3-methylphenol	8.716	107	292336	44.687	ng		99
37) 2-Methylnaphthalene	8.881	142	556742	39.615	ng		100
38) 1-Methylnaphthalene	8.981	142	557341	40.885	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	330746	47.909	ng		99
41) Hexachlorocyclopentadiene	9.034	237	319805	111.662	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	220692	43.751	ng		97

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44) 2,4,5-Trichlorophenol	9.198	196	233369	43.780	ng		99
46) 1,1'-Biphenyl	9.345	154	780071	47.169	ng		98
47) 2-Chloronaphthalene	9.369	162	602543	43.699	ng		97
48) 2-Nitroaniline	9.469	65	218133	50.038	ng		99
49) Acenaphthylene	9.787	152	954249	49.227	ng		99
50) Dimethylphthalate	9.645	163	706134	44.517	ng		99
51) 2,6-Dinitrotoluene	9.710	165	153977	52.349	ng		97
52) Acenaphthene	9.963	154	583286	45.921	ng		100
53) 3-Nitroaniline	9.875	138	118770	32.978	ng		97
54) 2,4-Dinitrophenol	9.987	184	155971	85.449	ng		91
55) Dibenzofuran	10.134	168	781151	43.566	ng		99
56) 4-Nitrophenol	10.039	139	241994	88.741	ng		95
57) 2,4-Dinitrotoluene	10.116	165	210223	52.528	ng		99
58) Fluorene	10.475	166	590746	43.663	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	185895	49.265	ng		96
60) Diethylphthalate	10.351	149	656919	44.578	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	310983	43.475	ng		98
62) 4-Nitroaniline	10.498	138	163217	47.127	ng		96
63) Azobenzene	10.628	77	704833	45.764	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	115770	53.295	ng		99
66) n-Nitrosodiphenylamine	10.586	169	605515	44.613	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	201860	42.255	ng		96
68) Hexachlorobenzene	11.028	284	243126	43.960	ng		97
69) Atrazine	11.116	200	196890	47.861	ng		99
70) Pentachlorophenol	11.222	266	254320	80.066	ng		98
71) Phenanthrene	11.445	178	892973	42.611	ng		100
72) Anthracene	11.492	178	908961	42.935	ng		98
73) Carbazole	11.651	167	817434	43.596	ng		100
74) Di-n-butylphthalate	11.975	149	1007480	46.361	ng		99
75) Fluoranthene	12.633	202	943712	43.597	ng		99
77) Benzidine	12.757	184	352253	40.867	ng		97
78) Pyrene	12.863	202	948766	45.845	ng		99
80) Butylbenzylphthalate	13.480	149	350965	52.218	ng		99
81) Benzo(a)anthracene	14.057	228	744619	45.837	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	128361	25.928	ng	#	97
83) Chrysene	14.092	228	689675	45.871	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	419040	51.721	ng		99
85) Di-n-octyl phthalate	14.657	149	631608	47.464	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	731452	48.976	ng		98
88) Benzo(b)fluoranthene	15.116	252	607748	43.407	ng		99
89) Benzo(k)fluoranthene	15.145	252	604096	46.629	ng		99
90) Benzo(a)pyrene	15.486	252	588905	48.508	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	600325	49.979	ng		99
92) Benzo(g,h,i)perylene	17.510	276	605478	50.408	ng		97

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

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