Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142859.D
Acq On : 26 Jun 2025 10:38
Operator : RC/JU
Sample : PB168610BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 26 11:56:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168610BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	89507	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	339768	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	183692	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	332633	20.000	ng		0.00
76) Chrysene-d12	14.057	240	203596	20.000	ng		0.00
86) Perylene-d12	15.545	264	172184	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	634091	117.948	ng		0.02
7) Phenol-d6	6.510	99	753226	118.755	ng		0.00
23) Nitrobenzene-d5	7.445	82	469814	75.845	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	251405	132.996	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1026514	73.411	ng		0.00
79) Terphenyl-d14	12.998	244	1123554	76.250	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	71805	33.393	ng		100
3) Pyridine	3.493	79	196872	36.521	ng		98
4) n-Nitrosodimethylamine	3.446	42	112783	40.459	ng		98
6) Aniline	6.540	93	253095	29.989	ng	#	88
8) 2-Chlorophenol	6.663	128	245984	42.417	ng		97
9) Benzaldehyde	6.428	77	140346	37.297	ng		100
10) Phenol	6.528	94	281732	39.960	ng		84
11) bis(2-Chloroethyl)ether	6.610	93	210938	41.861	ng		99
12) 1,3-Dichlorobenzene	6.816	146	267161	41.192	ng		98
13) 1,4-Dichlorobenzene	6.892	146	268222	40.990	ng		99
14) 1,2-Dichlorobenzene	7.045	146	255708	41.200	ng		99
15) Benzyl Alcohol	7.022	79	196963	42.955	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	323245	39.927	ng		96
17) 2-Methylphenol	7.134	107	186122	42.351	ng		98
18) Hexachloroethane	7.387	117	93765	40.967	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	155366	42.117	ng		98
20) 3+4-Methylphenols	7.287	107	232177	42.372	ng		96
22) Acetophenone	7.287	105	317620	42.392	ng		99
24) Nitrobenzene	7.463	77	233963	41.730	ng		98
25) Isophorone	7.698	82	423343	42.604	ng		100
26) 2-Nitrophenol	7.775	139	133377	43.671	ng		99
27) 2,4-Dimethylphenol	7.816	122	221002	41.775	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	268288	42.468	ng		99
29) 2,4-Dichlorophenol	8.022	162	206036	42.953	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	219165	41.551	ng		99
31) Naphthalene	8.181	128	704827	42.380	ng		100
32) Benzoic acid	7.939	122	123386	45.760	ng		96
33) 4-Chloroaniline	8.234	127	144339	21.344	ng		98
34) Hexachlorobutadiene	8.298	225	135783	42.085	ng		99
35) Caprolactam	8.604	113	64615m	51.048	ng		
36) 4-Chloro-3-methylphenol	8.716	107	211772	44.423	ng		99
37) 2-Methylnaphthalene	8.875	142	441327	42.803	ng		99
38) 1-Methylnaphthalene	8.975	142	453974	42.533	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	220062	40.601	ng		99
41) Hexachlorocyclopentadiene	9.028	237	264367	85.950	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	148040	41.915	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	158897	42.738	ng	99
46) 1,1'-Biphenyl	9.339	154	601501	41.452	ng	100
47) 2-Chloronaphthalene	9.369	162	449906	41.317	ng	100
48) 2-Nitroaniline	9.463	65	134230	43.969	ng	97
49) Acenaphthylene	9.781	152	751258	41.909	ng	99
50) Dimethylphthalate	9.645	163	534094	44.918	ng	99
51) 2,6-Dinitrotoluene	9.704	165	118754	45.478	ng	100
52) Acenaphthene	9.957	154	484278	44.279	ng	100
53) 3-Nitroaniline	9.875	138	80375	27.956	ng	98
54) 2,4-Dinitrophenol	9.986	184	101780	77.843	ng	95
55) Dibenzofuran	10.128	168	658925	42.014	ng	100
56) 4-Nitrophenol	10.045	139	192206	97.654	ng	98
57) 2,4-Dinitrotoluene	10.110	165	165407	47.688	ng	95
58) Fluorene	10.469	166	524574	42.827	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	132357	44.165	ng	98
60) Diethylphthalate	10.345	149	534286	45.828	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	249197	42.636	ng	99
62) 4-Nitroaniline	10.492	138	127088	48.333	ng	99
63) Azobenzene	10.622	77	455576	43.722	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	76516	38.030	ng	95
66) n-Nitrosodiphenylamine	10.580	169	468652	40.652	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	156842	41.430	ng	97
68) Hexachlorobenzene	11.022	284	173599	41.269	ng	99
69) Atrazine	11.110	200	150754	50.640	ng	99
70) Pentachlorophenol	11.216	266	190569	90.916	ng	99
71) Phenanthrene	11.433	178	751979	41.733	ng	99
72) Anthracene	11.486	178	775095	41.943	ng	100
73) Carbazole	11.645	167	714848	44.825	ng	100
74) Di-n-butylphthalate	11.969	149	850256	51.180	ng	100
75) Fluoranthene	12.627	202	808171	47.260	ng	100
77) Benzidine	12.745	184	340251	44.481	ng	99
78) Pyrene	12.857	202	798420	41.837	ng	99
80) Butylbenzylphthalate	13.469	149	288173	52.057	ng	97
81) Benzo(a)anthracene	14.045	228	589639	42.931	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	75705	16.993	ng	100
83) Chrysene	14.080	228	540040	44.064	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	334810	42.037	ng	100
85) Di-n-octyl phthalate	14.639	149	491860	32.750	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	546279	41.653	ng	98
88) Benzo(b)fluoranthene	15.104	252	462369	46.407	ng	100
89) Benzo(k)fluoranthene	15.139	252	418007	44.844	ng	100
90) Benzo(a)pyrene	15.480	252	423538	44.003	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	441502	41.431	ng	99
92) Benzo(g,h,i)perylene	17.515	276	440396	41.445	ng	99

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

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