Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064232.D
Acq On : 29 Aug 2025 17:56
Operator : RC/JU
Sample : PB169464BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 29 19:01:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169464BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/02/2025
Supervised By :Jagrut Upadhyay 09/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.859	152	29875	20.000	ng		0.00
21) Naphthalene-d8	10.644	136	133534	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	97374	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	238877	20.000	ng		0.00
76) Chrysene-d12	21.455	240	248943	20.000	ng		0.00
86) Perylene-d12	24.463	264	270995	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	240703	144.550	ng		0.00
7) Phenol-d6	7.025	99	345106	150.854	ng		0.00
23) Nitrobenzene-d5	9.011	82	235026	98.158	ng		0.00
42) 2,4,6-Tribromophenol	15.973	330	189091	146.609	ng		0.00
45) 2-Fluorobiphenyl	13.106	172	594814	93.238	ng		0.00
79) Terphenyl-d14	19.839	244	1129852	94.691	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	25370	36.553	ng		98
3) Pyridine	3.741	79	72565	35.518	ng	#	57
4) n-Nitrosodimethylamine	3.658	42	60451	44.733	ng	#	90
6) Aniline	7.184	93	131382	41.530	ng		97
8) 2-Chlorophenol	7.425	128	105573	51.883	ng		99
9) Benzaldehyde	6.996	77	47584	25.275	ng		97
10) Phenol	7.054	94	135219	53.612	ng		97
11) bis(2-Chloroethyl)ether	7.284	93	88852	46.880	ng		97
12) 1,3-Dichlorobenzene	7.748	146	100945	46.631	ng		98
13) 1,4-Dichlorobenzene	7.889	146	102397	46.869	ng		96
14) 1,2-Dichlorobenzene	8.206	146	101450	48.114	ng		94
15) Benzyl Alcohol	8.094	79	106473	50.434	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.388	45	195235	45.118	ng		97
17) 2-Methylphenol	8.300	107	94131	50.076	ng		98
18) Hexachloroethane	8.940	117	38718	45.400	ng		91
19) n-Nitroso-di-n-propyla...	8.664	70	81966	46.815	ng		98
20) 3+4-Methylphenols	8.623	107	132396	50.689	ng		97
22) Acetophenone	8.676	105	170069	50.342	ng	#	96
24) Nitrobenzene	9.052	77	123026	49.178	ng		99
25) Isophorone	9.575	82	244766	49.187	ng		97
26) 2-Nitrophenol	9.757	139	56156	51.951	ng		93
27) 2,4-Dimethylphenol	9.822	122	112128	59.083	ng		97
28) bis(2-Chloroethoxy)met...	10.057	93	134614	50.169	ng		93
29) 2,4-Dichlorophenol	10.292	162	110264	55.065	ng		94
30) 1,2,4-Trichlorobenzene	10.509	180	107924	51.116	ng		97
31) Naphthalene	10.697	128	331504	47.874	ng		98
32) Benzoic acid	9.974	122	85566m	56.799	ng		
33) 4-Chloroaniline	10.803	127	88182	32.857	ng		97
34) Hexachlorobutadiene	10.985	225	70946	45.458	ng		88
35) Caprolactam	11.573	113	40744m	52.549	ng		
36) 4-Chloro-3-methylphenol	11.925	107	138799	53.424	ng		90
37) 2-Methylnaphthalene	12.307	142	228872	44.467	ng		97
38) 1-Methylnaphthalene	12.524	142	242101	47.622	ng		99
40) 1,2,4,5-Tetrachloroben...	12.677	216	134281	47.795	ng		98
41) Hexachlorocyclopentadiene	12.660	237	177787	133.145	ng		93
43) 2,4,6-Trichlorophenol	12.912	196	96153	51.203	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	107981	53.009	ng		99
46) 1,1'-Biphenyl	13.318	154	354608	50.000	ng		98
47) 2-Chloronaphthalene	13.359	162	255620	47.942	ng		98
48) 2-Nitroaniline	13.559	65	99826	54.931	ng		98
49) Acenaphthylene	14.205	152	440885	55.938	ng		98
50) Dimethylphthalate	13.946	163	367327	49.838	ng		100
51) 2,6-Dinitrotoluene	14.058	165	78794	55.222	ng		93
52) Acenaphthene	14.546	154	268159	48.211	ng		97
53) 3-Nitroaniline	14.381	138	58866	39.385	ng		89
54) 2,4-Dinitrophenol	14.593	184	100887	106.226	ng		92
55) Dibenzofuran	14.880	168	434342	49.645	ng		98
56) 4-Nitrophenol	14.698	139	138825	113.230	ng		98
57) 2,4-Dinitrotoluene	14.845	165	122507	56.784	ng		92
58) Fluorene	15.533	166	362970	50.618	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	105416	53.804	ng		99
60) Diethylphthalate	15.309	149	393945	49.943	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	176290	49.308	ng		99
62) 4-Nitroaniline	15.550	138	84272	55.255	ng		95
63) Azobenzene	15.821	77	368308	52.388	ng		98
65) 4,6-Dinitro-2-methylph...	15.609	198	73681	53.724	ng		96
66) n-Nitrosodiphenylamine	15.738	169	331753	50.485	ng		97
67) 4-Bromophenyl-phenylether	16.420	248	122796	48.399	ng		97
68) Hexachlorobenzene	16.531	284	136326	48.386	ng		98
69) Atrazine	16.690	200	135173	49.265	ng		97
70) Pentachlorophenol	16.878	266	177731	104.036	ng		93
71) Phenanthrene	17.266	178	621492	49.328	ng		97
72) Anthracene	17.354	178	629679	49.132	ng		99
73) Carbazole	17.624	167	574590	50.893	ng		99
74) Di-n-butylphthalate	18.194	149	685251	50.519	ng		99
75) Fluoranthene	19.275	202	743427	50.183	ng		99
77) Benzidine	19.457	184	261761	49.984	ng		99
78) Pyrene	19.634	202	756646	48.244	ng		99
80) Butylbenzylphthalate	20.533	149	308484	52.148	ng		97
81) Benzo(a)anthracene	21.432	228	783804	49.214	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	178200	34.356	ng		96
83) Chrysene	21.496	228	742884	48.587	ng		98
84) Bis(2-ethylhexyl)phtha...	21.361	149	453642	51.079	ng		99
85) Di-n-octyl phthalate	22.507	149	787591	50.895	ng		99
87) Indeno(1,2,3-cd)pyrene	27.859	276	919040	49.660	ng	#	96
88) Benzo(b)fluoranthene	23.517	252	772282m	50.494	ng		
89) Benzo(k)fluoranthene	23.576	252	781786	50.173	ng		97
90) Benzo(a)pyrene	24.322	252	742677	52.200	ng		98
91) Dibenzo(a,h)anthracene	27.918	278	760425	51.176	ng		98
92) Benzo(g,h,i)perylene	28.917	276	735508	50.869	ng		98

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

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