Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064334.D
Acq On : 10 Sep 2025 16:00
Operator : RC/JU
Sample : PB169633BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 10 16:39:18 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 :
PB169633BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/11/2025
Supervised By :Jagrut Upadhyay 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	22307	20.000	ng		-0.02
21) Naphthalene-d8	10.632	136	93541	20.000	ng		#-0.02
39) Acenaphthene-d10	14.469	164	67870	20.000	ng		-0.01
64) Phenanthrene-d10	17.207	188	169153	20.000	ng		#-0.02
76) Chrysene-d12	21.437	240	183481	20.000	ng		-0.02
86) Perylene-d12	24.434	264	195725	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.438	112	156916	126.203	ng		0.00
7) Phenol-d6	7.019	99	204082	119.475	ng		-0.01
23) Nitrobenzene-d5	8.999	82	144851	86.362	ng		-0.02
42) 2,4,6-Tribromophenol	15.961	330	140330	156.101	ng		-0.01
45) 2-Fluorobiphenyl	13.094	172	383071	86.150	ng		-0.02
79) Terphenyl-d14	19.827	244	792538	90.119	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.347	88	16483	31.805	ng		92
3) Pyridine	3.735	79	47129	30.894	ng	#	57
4) n-Nitrosodimethylamine	3.652	42	44976	44.573	ng		97
6) Aniline	7.172	93	74630	31.594	ng		96
8) 2-Chlorophenol	7.413	128	67493	44.422	ng		97
9) Benzaldehyde	6.984	77	27167	19.326	ng		94
10) Phenol	7.048	94	78696	41.787	ng		93
11) bis(2-Chloroethyl)ether	7.272	93	50149	35.437	ng		97
12) 1,3-Dichlorobenzene	7.736	146	71185	44.040	ng		99
13) 1,4-Dichlorobenzene	7.883	146	72775	44.612	ng		98
14) 1,2-Dichlorobenzene	8.194	146	69396	44.077	ng		98
15) Benzyl Alcohol	8.082	79	67737	42.971	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.370	45	94629	29.288	ng		98
17) 2-Methylphenol	8.288	107	57077	40.666	ng		94
18) Hexachloroethane	8.923	117	27802	43.661	ng		89
19) n-Nitroso-di-n-propyla...	8.646	70	48815	37.340	ng		97
20) 3+4-Methylphenols	8.611	107	76317	39.132	ng		94
22) Acetophenone	8.658	105	100624	42.520	ng		96
24) Nitrobenzene	9.040	77	76060	43.403	ng		98
25) Isophorone	9.563	82	136630	39.195	ng		99
26) 2-Nitrophenol	9.745	139	36463	48.154	ng	#	81
27) 2,4-Dimethylphenol	9.810	122	65162	49.015	ng		94
28) bis(2-Chloroethoxy)met...	10.045	93	73299	38.997	ng		95
29) 2,4-Dichlorophenol	10.280	162	69665	49.665	ng		95
30) 1,2,4-Trichlorobenzene	10.497	180	76006	51.390	ng		99
31) Naphthalene	10.679	128	206356	42.542	ng		99
32) Benzoic acid	9.968	122	46356	43.927	ng		89
33) 4-Chloroaniline	10.791	127	53552	28.485	ng		95
34) Hexachlorobutadiene	10.973	225	56012	51.233	ng	#	85
35) Caprolactam	11.561	113	22642m	41.687	ng		
36) 4-Chloro-3-methylphenol	11.919	107	82841	45.518	ng		93
37) 2-Methylnaphthalene	12.289	142	143592	39.826	ng		95
38) 1-Methylnaphthalene	12.512	142	150857m	42.361	ng		
40) 1,2,4,5-Tetrachloroben...	12.665	216	94038	48.021	ng		97
41) Hexachlorocyclopentadiene	12.648	237	137531	147.772	ng		93
43) 2,4,6-Trichlorophenol	12.900	196	61629	47.085	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.977	196	72579	51.118	ng		88
46) 1,1'-Biphenyl	13.306	154	219535	44.411	ng		98
47) 2-Chloronaphthalene	13.347	162	162915	43.838	ng		97
48) 2-Nitroaniline	13.547	65	60677	47.903	ng		92
49) Acenaphthylene	14.193	152	274242	49.920	ng		99
50) Dimethylphthalate	13.928	163	232255	45.210	ng		100
51) 2,6-Dinitrotoluene	14.046	165	50199	50.475	ng		98
52) Acenaphthene	14.534	154	159977	41.265	ng		99
53) 3-Nitroaniline	14.375	138	36133	34.685	ng		91
54) 2,4-Dinitrophenol	14.581	184	69754	105.419	ng	#	77
55) Dibenzofuran	14.869	168	275570	45.190	ng		100
56) 4-Nitrophenol	14.692	139	81299	95.136	ng	#	83
57) 2,4-Dinitrotoluene	14.833	165	76524	50.889	ng	#	98
58) Fluorene	15.515	166	230302	46.078	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.098	232	72250	52.907	ng	#	97
60) Diethylphthalate	15.297	149	248078	45.122	ng		97
61) 4-Chlorophenyl-phenyle...	15.515	204	118865	47.699	ng		99
62) 4-Nitroaniline	15.538	138	52347	49.243	ng		87
63) Azobenzene	15.803	77	210430	42.943	ng		96
65) 4,6-Dinitro-2-methylph...	15.597	198	51720	53.256	ng		95
66) n-Nitrosodiphenylamine	15.726	169	202200	43.454	ng		99
67) 4-Bromophenyl-phenylether	16.402	248	83823	46.656	ng		97
68) Hexachlorobenzene	16.520	284	95002	47.617	ng		89
69) Atrazine	16.678	200	93479	48.112	ng		95
70) Pentachlorophenol	16.866	266	129500	107.049	ng		94
71) Phenanthrene	17.254	178	395920	44.377	ng		98
72) Anthracene	17.342	178	405018	44.629	ng		99
73) Carbazole	17.612	167	360784	45.128	ng		98
74) Di-n-butylphthalate	18.176	149	442645	46.085	ng		98
75) Fluoranthene	19.263	202	490375	46.746	ng		97
77) Benzidine	19.446	184	154657	40.069	ng		98
78) Pyrene	19.622	202	506648	43.829	ng		100
80) Butylbenzylphthalate	20.521	149	199979	45.867	ng		91
81) Benzo(a)anthracene	21.420	228	529773	45.132	ng		100
82) 3,3'-Dichlorobenzidine	21.343	252	128182	33.530	ng	#	95
83) Chrysene	21.484	228	496668	44.073	ng		98
84) Bis(2-ethylhexyl)phtha...	21.349	149	280471	42.847	ng		97
85) Di-n-octyl phthalate	22.483	149	491571	43.099	ng		97
87) Indeno(1,2,3-cd)pyrene	27.824	276	633706	47.411	ng		100
88) Benzo(b)fluoranthene	23.494	252	516568	46.763	ng		99
89) Benzo(k)fluoranthene	23.558	252	529668	47.065	ng	#	95
90) Benzo(a)pyrene	24.299	252	506044	49.247	ng	#	97
91) Dibenzo(a,h)anthracene	27.871	278	520478	48.498	ng		97
92) Benzo(g,h,i)perylene	28.876	276	510039	48.841	ng	#	95

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

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