Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
Data File : BG064285.D
Acq On : 4 Sep 2025 17:23
Operator : RC/JU
Sample : PB169528BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 04 18:01:58 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 :
PB169528BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
09/05/2025
Supervised By :Jagrut Upadhyay
09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	22601	20.000	ng		0.00
21) Naphthalene-d8	10.643	136	102242	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	76146	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	180175	20.000	ng		0.00
76) Chrysene-d12	21.454	240	177813	20.000	ng	#	0.00
86) Perylene-d12	24.462	264	197000	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.443	112	178173	141.436	ng		0.00
7) Phenol-d6	7.030	99	241479	139.529	ng		0.00
23) Nitrobenzene-d5	9.010	82	171360	93.472	ng		0.00
42) 2,4,6-Tribromophenol	15.966	330	153227	151.922	ng		0.00
45) 2-Fluorobiphenyl	13.105	172	440082	88.215	ng		0.00
79) Terphenyl-d14	19.838	244	830980	97.502	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	19875	37.852	ng		95
3) Pyridine	3.740	79	52242	33.800	ng	#	59
4) n-Nitrosodimethylamine	3.657	42	45939	44.935	ng	#	92
6) Aniline	7.183	93	71393	29.830	ng		98
8) 2-Chlorophenol	7.423	128	75852	49.274	ng		97
9) Benzaldehyde	6.995	77	34667	24.340	ng		98
10) Phenol	7.053	94	89594	46.955	ng		90
11) bis(2-Chloroethyl)ether	7.277	93	60745	42.366	ng		93
12) 1,3-Dichlorobenzene	7.747	146	76574	46.758	ng		97
13) 1,4-Dichlorobenzene	7.888	146	78314	47.383	ng		96
14) 1,2-Dichlorobenzene	8.205	146	76898	48.207	ng		96
15) Benzyl Alcohol	8.093	79	76433	47.857	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.387	45	123629	37.766	ng		99
17) 2-Methylphenol	8.299	107	65532	46.082	ng		97
18) Hexachloroethane	8.933	117	29598	45.876	ng		90
19) n-Nitroso-di-n-propyla...	8.657	70	55878	42.187	ng	#	94
20) 3+4-Methylphenols	8.622	107	89021	45.052	ng		95
22) Acetophenone	8.669	105	116812	45.160	ng	#	97
24) Nitrobenzene	9.051	77	86809	45.321	ng		96
25) Isophorone	9.574	82	159405	41.837	ng		99
26) 2-Nitrophenol	9.756	139	41949	50.685	ng	#	83
27) 2,4-Dimethylphenol	9.821	122	76785	52.843	ng		95
28) bis(2-Chloroethoxy)met...	10.056	93	88835	43.240	ng		96
29) 2,4-Dichlorophenol	10.297	162	78625	51.282	ng		94
30) 1,2,4-Trichlorobenzene	10.508	180	80901	50.045	ng		96
31) Naphthalene	10.690	128	236256	44.561	ng		97
32) Benzoic acid	9.979	122	58173m	50.434	ng		
33) 4-Chloroaniline	10.802	127	37142	18.075	ng		97
34) Hexachlorobutadiene	10.984	225	59311	49.634	ng		96
35) Caprolactam	11.572	113	27465m	46.264	ng		
36) 4-Chloro-3-methylphenol	11.930	107	93724	47.115	ng		90
37) 2-Methylnaphthalene	12.300	142	163776	41.559	ng		93
38) 1-Methylnaphthalene	12.523	142	172043	44.199	ng		95
40) 1,2,4,5-Tetrachloroben...	12.670	216	102168	46.502	ng		98
41) Hexachlorocyclopentadiene	12.658	237	150486	144.118	ng		98
43) 2,4,6-Trichlorophenol	12.911	196	70739	48.172	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	78326	49.170	ng		92
46) 1,1'-Biphenyl	13.317	154	252987	45.615	ng		99
47) 2-Chloronaphthalene	13.358	162	186927	44.832	ng		99
48) 2-Nitroaniline	13.557	65	69014	48.563	ng		94
49) Acenaphthylene	14.204	152	318502	51.676	ng		99
50) Dimethylphthalate	13.939	163	254450	44.148	ng		98
51) 2,6-Dinitrotoluene	14.057	165	55301	49.562	ng		96
52) Acenaphthene	14.544	154	185177	42.573	ng		98
53) 3-Nitroaniline	14.380	138	34367	29.404	ng		94
54) 2,4-Dinitrophenol	14.592	184	73507	99.360	ng	#	82
55) Dibenzofuran	14.879	168	309497	45.238	ng		98
56) 4-Nitrophenol	14.703	139	92564	96.546	ng	#	89
57) 2,4-Dinitrotoluene	14.844	165	85701	50.798	ng	#	96
58) Fluorene	15.526	166	260231	46.407	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.109	232	80810	52.744	ng		96
60) Diethylphthalate	15.308	149	284583	46.136	ng		98
61) 4-Chlorophenyl-phenyle...	15.526	204	131960	47.199	ng		99
62) 4-Nitroaniline	15.549	138	59521	49.907	ng		95
63) Azobenzene	15.814	77	248278	45.160	ng		95
65) 4,6-Dinitro-2-methylph...	15.608	198	57217	55.312	ng		91
66) n-Nitrosodiphenylamine	15.737	169	229110	46.225	ng		96
67) 4-Bromophenyl-phenylether	16.419	248	92754	48.469	ng		93
68) Hexachlorobenzene	16.530	284	103201	48.563	ng		93
69) Atrazine	16.689	200	98868	47.773	ng		98
70) Pentachlorophenol	16.877	266	135967	105.520	ng		93
71) Phenanthrene	17.265	178	431834	45.442	ng		98
72) Anthracene	17.353	178	442063	45.731	ng		99
73) Carbazole	17.623	167	393948	46.261	ng		99
74) Di-n-butylphthalate	18.187	149	472287	46.163	ng		98
75) Fluoranthene	19.274	202	514249	46.023	ng		98
77) Benzidine	19.456	184	139324	37.247	ng		99
78) Pyrene	19.633	202	523905	46.767	ng		99
80) Butylbenzylphthalate	20.532	149	212518	50.297	ng		93
81) Benzo(a)anthracene	21.431	228	543742	47.798	ng		100
82) 3,3'-Dichlorobenzidine	21.354	252	94815	25.592	ng		97
83) Chrysene	21.495	228	508906	46.599	ng		99
84) Bis(2-ethylhexyl)phtha...	21.360	149	298447	47.047	ng	#	99
85) Di-n-octyl phthalate	22.500	149	520514	47.092	ng		97
87) Indeno(1,2,3-cd)pyrene	27.847	276	646102	48.025	ng	#	97
88) Benzo(b)fluoranthene	23.510	252	525396	47.254	ng		98
89) Benzo(k)fluoranthene	23.575	252	541248	47.783	ng	#	98
90) Benzo(a)pyrene	24.321	252	521510	50.423	ng		97
91) Dibenzo(a,h)anthracene	27.917	278	527785	48.861	ng		97
92) Benzo(g,h,i)perylene	28.910	276	512638	48.772	ng		97

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

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