Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064339.D
Acq On : 10 Sep 2025 19:29
Operator : RC/JU
Sample : Q3048-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258MSD

Manual Integrations APPROVED

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

Quant Time: Sep 11 01:18:17 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.843	152	25150	20.000	ng		-0.02
21) Naphthalene-d8	10.634	136	100633	20.000	ng		#-0.02
39) Acenaphthene-d10	14.470	164	73291	20.000	ng		-0.01
64) Phenanthrene-d10	17.214	188	176811	20.000	ng		#-0.01
76) Chrysene-d12	21.444	240	199967	20.000	ng		#-0.01
86) Perylene-d12	24.447	264	227543	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	130533	93.117	ng		-0.01
7) Phenol-d6	7.020	99	179897	93.411	ng		-0.01
23) Nitrobenzene-d5	9.000	82	131793	73.039	ng		-0.02
42) 2,4,6-Tribromophenol	15.963	330	124783	128.540	ng		-0.01
45) 2-Fluorobiphenyl	13.095	172	320357	66.717	ng		-0.02
79) Terphenyl-d14	19.829	244	642352	67.020	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.342	88	19016	32.545	ng		93
3) Pyridine	3.730	79	49370	28.704	ng	#	58
4) n-Nitrosodimethylamine	3.654	42	49250	43.291	ng	#	88
6) Aniline	7.173	93	53178	19.968	ng		99
8) 2-Chlorophenol	7.414	128	72880	42.545	ng		94
9) Benzaldehyde	6.985	77	46968	29.635	ng		91
10) Phenol	7.044	94	90612	42.675	ng		86
11) bis(2-Chloroethyl)ether	7.267	93	55441	34.747	ng		95
12) 1,3-Dichlorobenzene	7.737	146	79284	43.506	ng		97
13) 1,4-Dichlorobenzene	7.878	146	79774	43.374	ng		96
14) 1,2-Dichlorobenzene	8.195	146	79449	44.758	ng		94
15) Benzyl Alcohol	8.084	79	75751	42.623	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.372	45	105251	28.893	ng		98
17) 2-Methylphenol	8.289	107	63140	39.900	ng		93
18) Hexachloroethane	8.924	117	31536	43.926	ng	#	81
19) n-Nitroso-di-n-propyla...	8.648	70	51753	35.112	ng		93
20) 3+4-Methylphenols	8.612	107	85995	39.109	ng		98
22) Acetophenone	8.665	105	124967	49.085	ng	#	96
24) Nitrobenzene	9.041	77	87086	46.193	ng		97
25) Isophorone	9.564	82	152654	40.706	ng		98
26) 2-Nitrophenol	9.746	139	42036	51.602	ng	#	80
27) 2,4-Dimethylphenol	9.811	122	72621	50.776	ng		94
28) bis(2-Chloroethoxy)met...	10.046	93	79620	39.375	ng	#	91
29) 2,4-Dichlorophenol	10.287	162	75779	50.216	ng		96
30) 1,2,4-Trichlorobenzene	10.498	180	83705	52.607	ng		97
31) Naphthalene	10.681	128	241719	46.321	ng		97
32) Benzoic acid	9.987	122	63301	55.757	ng		93
33) 4-Chloroaniline	10.792	127	31283	15.467	ng	#	94
34) Hexachlorobutadiene	10.974	225	64898	55.178	ng		93
35) Caprolactam	11.562	113	25808m	44.168	ng		
36) 4-Chloro-3-methylphenol	11.920	107	92934	47.465	ng		96
37) 2-Methylnaphthalene	12.291	142	165409	42.644	ng		96
38) 1-Methylnaphthalene	12.514	142	170338	44.460	ng		96
40) 1,2,4,5-Tetrachloroben...	12.661	216	119457	56.490	ng		97
41) Hexachlorocyclopentadiene	12.643	237	104107	103.585	ng		92
43) 2,4,6-Trichlorophenol	12.902	196	71591	50.651	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.978	196	82268	53.657	ng		94
46) 1,1'-Biphenyl	13.307	154	273361	51.209	ng		99
47) 2-Chloronaphthalene	13.348	162	182234	45.409	ng		95
48) 2-Nitroaniline	13.548	65	68085	49.776	ng		99
49) Acenaphthylene	14.194	152	324673	54.729	ng		99
50) Dimethylphthalate	13.930	163	238173	42.933	ng		98
51) 2,6-Dinitrotoluene	14.047	165	54486	50.733	ng		95
52) Acenaphthene	14.535	154	188918	45.125	ng		98
53) 3-Nitroaniline	14.370	138	32976	29.313	ng		98
54) 2,4-Dinitrophenol	14.582	184	74700	104.590	ng	#	76
55) Dibenzofuran	14.870	168	309010	46.926	ng		99
56) 4-Nitrophenol	14.694	139	94162	102.038	ng	#	84
57) 2,4-Dinitrotoluene	14.835	165	82830	51.009	ng		99
58) Fluorene	15.522	166	259978	48.168	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.099	232	83052	56.319	ng		97
60) Diethylphthalate	15.299	149	258905	43.608	ng		98
61) 4-Chlorophenyl-phenyle...	15.516	204	128967	47.925	ng		96
62) 4-Nitroaniline	15.540	138	55455	48.309	ng	#	86
63) Azobenzene	15.810	77	249707	47.189	ng		92
65) 4,6-Dinitro-2-methylph...	15.598	198	57560	56.702	ng		96
66) n-Nitrosodiphenylamine	15.728	169	223773	46.007	ng		98
67) 4-Bromophenyl-phenylether	16.409	248	91557	48.754	ng		94
68) Hexachlorobenzene	16.521	284	104627	50.170	ng		94
69) Atrazine	16.679	200	100789	49.628	ng		98
70) Pentachlorophenol	16.867	266	174643	138.113	ng		94
71) Phenanthrene	17.255	178	469925	50.391	ng		98
72) Anthracene	17.343	178	473685	49.934	ng		99
73) Carbazole	17.614	167	397560	47.574	ng		97
74) Di-n-butylphthalate	18.178	149	462477	46.064	ng	#	98
75) Fluoranthene	19.265	202	795501	72.548	ng		97
77) Benzidine	19.447	184	136905	32.545	ng		99
78) Pyrene	19.629	202	869007	68.979	ng		99
80) Butylbenzylphthalate	20.522	149	215872	45.430	ng		96
81) Benzo(a)anthracene	21.427	228	843302	65.919	ng		98
82) 3,3'-Dichlorobenzidine	21.345	252	76535	18.370	ng		99
83) Chrysene	21.491	228	794225	64.667	ng		99
84) Bis(2-ethylhexyl)phtha...	21.350	149	331590	46.480	ng		100
85) Di-n-octyl phthalate	22.484	149	551005	44.327	ng	#	97
87) Indeno(1,2,3-cd)pyrene	27.849	276	880822	56.684	ng	#	95
88) Benzo(b)fluoranthene	23.507	252	913940	71.167	ng	#	98
89) Benzo(k)fluoranthene	23.571	252	755138	57.718	ng	#	95
90) Benzo(a)pyrene	24.318	252	826507m	69.186	ng		
91) Dibenzo(a,h)anthracene	27.896	278	633899	50.807	ng	#	98
92) Benzo(g,h,i)perylene	28.912	276	731962	60.291	ng	#	94

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

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