Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
Data File : BG064921.D
Acq On : 10 Dec 2025 15:08
Operator : RC/JU
Sample : Q3814-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 15:50:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.149	152	20516	20.000	ng		-0.02
21) Naphthalene-d8	10.969	136	76116	20.000	ng		#-0.02
39) Acenaphthene-d10	14.765	164	64087	20.000	ng		-0.01
64) Phenanthrene-d10	17.497	188	173032	20.000	ng		# 0.00
76) Chrysene-d12	21.751	240	233027	20.000	ng		# 0.00
86) Perylene-d12	25.000	264	252658	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	117902	100.352	ng		0.00
7) Phenol-d6	7.303	99	151579	97.002	ng		0.00
23) Nitrobenzene-d5	9.312	82	101083	65.661	ng		-0.02
42) 2,4,6-Tribromophenol	16.245	330	176586	141.281	ng		0.00
45) 2-Fluorobiphenyl	13.396	172	301047	65.546	ng		-0.01
79) Terphenyl-d14	20.082	244	812701	68.604	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.507	88	14428	31.721	ng	#	91
3) Pyridine	3.919	79	42261	31.184	ng		97
4) n-Nitrosodimethylamine	3.831	42	30660	44.450	ng	#	90
6) Aniline	7.468	93	26890	12.910	ng		97
8) 2-Chlorophenol	7.714	128	61298	47.516	ng		95
9) Benzaldehyde	7.274	77	40478	39.572	ng		97
10) Phenol	7.327	94	71696	42.169	ng		90
11) bis(2-Chloroethyl)ether	7.556	93	46311	38.278	ng		93
12) 1,3-Dichlorobenzene	8.043	146	68035	45.832	ng		96
13) 1,4-Dichlorobenzene	8.184	146	70517	46.652	ng		97
14) 1,2-Dichlorobenzene	8.513	146	67362	45.961	ng		95
15) Benzyl Alcohol	8.384	79	58343	45.486	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.666	45	92081	32.155	ng		97
17) 2-Methylphenol	8.590	107	52098	43.306	ng		96
18) Hexachloroethane	9.248	117	24453	42.712	ng	#	83
19) n-Nitroso-di-n-propyla...	8.954	70	41303	39.091	ng		94
20) 3+4-Methylphenols	8.919	107	70026	42.490	ng		93
22) Acetophenone	8.972	105	91333	44.043	ng		98
24) Nitrobenzene	9.359	77	67969	43.696	ng		97
25) Isophorone	9.882	82	120441	41.083	ng		96
26) 2-Nitrophenol	10.076	139	36186	51.720	ng		96
27) 2,4-Dimethylphenol	10.123	122	59633	47.976	ng		96
28) bis(2-Chloroethoxy)met...	10.364	93	64360	39.989	ng		94
29) 2,4-Dichlorophenol	10.611	162	73659	55.196	ng		97
30) 1,2,4-Trichlorobenzene	10.828	180	86630	53.760	ng		96
31) Naphthalene	11.022	128	194995	45.192	ng		99
32) Benzoic acid	10.264	122	46103m	51.995	ng		
33) 4-Chloroaniline	11.122	127	9308	5.393	ng	#	89
34) Hexachlorobutadiene	11.310	225	78137	56.514	ng		94
35) Caprolactam	11.874	113	19446m	48.719	ng		
36) 4-Chloro-3-methylphenol	12.227	107	74592	50.219	ng		97
37) 2-Methylnaphthalene	12.614	142	135117	41.846	ng		98
38) 1-Methylnaphthalene	12.832	142	142065	44.292	ng		96
40) 1,2,4,5-Tetrachloroben...	12.979	216	130758	52.427	ng		100
41) Hexachlorocyclopentadiene	12.961	237	190037	106.303	ng		98
43) 2,4,6-Trichlorophenol	13.208	196	81334	55.563	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.278	196	90689	55.239	ng		98
46) 1,1'-Biphenyl	13.607	154	214319	46.561	ng		97
47) 2-Chloronaphthalene	13.649	162	171231	47.219	ng		99
48) 2-Nitroaniline	13.842	65	53925	46.233	ng		96
49) Acenaphthylene	14.495	152	294983	47.614	ng		98
50) Dimethylphthalate	14.213	163	253589	50.092	ng		99
51) 2,6-Dinitrotoluene	14.330	165	53395	54.813	ng		92
52) Acenaphthene	14.829	154	222424m	59.879	ng		
53) 3-Nitroaniline	14.653	138	10045	10.448	ng	#	77
54) 2,4-Dinitrophenol	14.865	184	84987	122.280	ng		96
55) Dibenzofuran	15.159	168	297196	48.395	ng		99
56) 4-Nitrophenol	14.959	139	85081	111.535	ng		88
57) 2,4-Dinitrotoluene	15.111	165	79653	54.541	ng	#	97
58) Fluorene	15.805	166	237478	49.305	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.382	232	104409	64.456	ng		93
60) Diethylphthalate	15.564	149	249511	51.450	ng		98
61) 4-Chlorophenyl-phenyle...	15.793	204	156622	54.184	ng		94
62) 4-Nitroaniline	15.811	138	47796	47.986	ng		93
63) Azobenzene	16.087	77	199772	49.526	ng		89
65) 4,6-Dinitro-2-methylph...	15.875	198	62712	65.277	ng		88
66) n-Nitrosodiphenylamine	16.005	169	224783	49.596	ng		99
67) 4-Bromophenyl-phenylether	16.686	248	123827	54.494	ng		96
68) Hexachlorobenzene	16.810	284	151938	55.190	ng	#	92
69) Atrazine	16.939	200	116096	53.129	ng		98
70) Pentachlorophenol	17.144	266	198216	118.469	ng		97
71) Phenanthrene	17.538	178	465228	49.141	ng		100
72) Anthracene	17.632	178	459207	47.569	ng		99
73) Carbazole	17.891	167	398437	48.012	ng		99
74) Di-n-butylphthalate	18.443	149	444411	48.001	ng		99
75) Fluoranthene	19.536	202	654401	50.549	ng		98
77) Benzidine	19.700	184	257882	36.952	ng		97
78) Pyrene	19.894	202	680219	52.083	ng		99
80) Butylbenzylphthalate	20.764	149	199954	43.527	ng		90
81) Benzo(a)anthracene	21.727	228	768824	48.522	ng		99
82) 3,3'-Dichlorobenzidine	21.633	252	69395	11.899	ng	#	98
83) Chrysene	21.798	228	719542	48.168	ng		100
84) Bis(2-ethylhexyl)phtha...	21.622	149	282962	42.153	ng		99
85) Di-n-octyl phthalate	22.844	149	467300	40.273	ng		98
87) Indeno(1,2,3-cd)pyrene	28.725	276	945204	54.452	ng		99
88) Benzo(b)fluoranthene	23.972	252	797633	49.608	ng	#	98
89) Benzo(k)fluoranthene	24.036	252	792366	49.052	ng	#	97
90) Benzo(a)pyrene	24.853	252	740340	49.637	ng	#	98
91) Dibenzo(a,h)anthracene	28.790	278	781548	54.960	ng	#	94
92) Benzo(g,h,i)perylene	29.894	276	770073	56.268	ng	#	97

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

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