Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
Data File : BG064326.D
Acq On : 9 Sep 2025 16:30
Operator : RC/JU
Sample : Q3023-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 09 17:50:16 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 :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	21795	20.000	ng		-0.01
21) Naphthalene-d8	10.637	136	88737	20.000	ng		#-0.01
39) Acenaphthene-d10	14.474	164	63284	20.000	ng		0.00
64) Phenanthrene-d10	17.218	188	154564	20.000	ng		# 0.00
76) Chrysene-d12	21.448	240	186159	20.000	ng		# 0.00
86) Perylene-d12	24.456	264	209342	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.443	112	161034	132.558	ng		0.00
7) Phenol-d6	7.024	99	199333	119.436	ng		0.00
23) Nitrobenzene-d5	9.004	82	167364	105.187	ng		-0.01
42) 2,4,6-Tribromophenol	15.966	330	155602	185.633	ng		0.00
45) 2-Fluorobiphenyl	13.099	172	418801	101.011	ng		-0.01
79) Terphenyl-d14	19.838	244	904250	101.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	16592	32.768	ng	#	46
3) Pyridine	3.757	79	40758	27.345	ng	#	56
4) n-Nitrosodimethylamine	3.663	42	40817	41.402	ng		89
6) Aniline	7.177	93	46665	20.219	ng		97
8) 2-Chlorophenol	7.417	128	63563	42.818	ng		99
9) Benzaldehyde	6.989	77	33119	24.113	ng		94
10) Phenol	7.053	94	68838	37.411	ng		91
11) bis(2-Chloroethyl)ether	7.276	93	49473	35.780	ng		94
12) 1,3-Dichlorobenzene	7.741	146	57335	36.305	ng		95
13) 1,4-Dichlorobenzene	7.882	146	61285	38.451	ng		97
14) 1,2-Dichlorobenzene	8.199	146	59077	38.405	ng		93
15) Benzyl Alcohol	8.087	79	68225	44.298	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.369	45	91516	28.990	ng		98
17) 2-Methylphenol	8.293	107	54131	39.473	ng		97
18) Hexachloroethane	8.927	117	23230	37.338	ng	#	78
19) n-Nitroso-di-n-propyla...	8.651	70	47110	36.882	ng		96
20) 3+4-Methylphenols	8.622	107	74430	39.061	ng		96
22) Acetophenone	8.669	105	112581	50.148	ng	#	98
24) Nitrobenzene	9.045	77	74697	44.933	ng		98
25) Isophorone	9.568	82	138653	41.929	ng		96
26) 2-Nitrophenol	9.756	139	35766	49.791	ng	#	79
27) 2,4-Dimethylphenol	9.815	122	64097	50.825	ng		95
28) bis(2-Chloroethoxy)met...	10.050	93	73447	41.191	ng		96
29) 2,4-Dichlorophenol	10.291	162	68337	51.356	ng		93
30) 1,2,4-Trichlorobenzene	10.502	180	68359	48.722	ng		92
31) Naphthalene	10.690	128	198792	43.202	ng		97
32) Benzoic acid	9.961	122	47358	47.306	ng		96
33) 4-Chloroaniline	10.796	127	14615	8.195	ng		98
34) Hexachlorobutadiene	10.978	225	51032	49.205	ng		88
35) Caprolactam	11.571	113	19024m	36.922	ng		
36) 4-Chloro-3-methylphenol	11.924	107	84210	48.775	ng		95
37) 2-Methylnaphthalene	12.300	142	138149	40.391	ng		97
38) 1-Methylnaphthalene	12.517	142	145026m	42.928	ng		
40) 1,2,4,5-Tetrachloroben...	12.670	216	102687	56.238	ng		99
41) Hexachlorocyclopentadiene	12.652	237	109735	126.451	ng		99
43) 2,4,6-Trichlorophenol	12.905	196	66334	54.353	ng		96

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44) 2,4,5-Trichlorophenol	12.981	196	71949	54.347	ng		96
46) 1,1'-Biphenyl	13.310	154	240106	52.092	ng		98
47) 2-Chloronaphthalene	13.352	162	160445	46.302	ng		96
48) 2-Nitroaniline	13.551	65	60890	51.555	ng		97
49) Acenaphthylene	14.198	152	278198	54.310	ng		99
50) Dimethylphthalate	13.933	163	230604	48.142	ng		98
51) 2,6-Dinitrotoluene	14.051	165	51806	55.866	ng		96
52) Acenaphthene	14.538	154	164824	45.596	ng		98
53) 3-Nitroaniline	14.380	138	26644	27.429	ng		96
54) 2,4-Dinitrophenol	14.585	184	60226	98.033	ng	#	74
55) Dibenzofuran	14.873	168	272659	47.953	ng		99
56) 4-Nitrophenol	14.697	139	80585	101.134	ng	#	76
57) 2,4-Dinitrotoluene	14.838	165	77166	55.035	ng		96
58) Fluorene	15.526	166	231086	49.585	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.103	232	76749m	60.274	ng		
60) Diethylphthalate	15.302	149	249538	48.677	ng		98
61) 4-Chlorophenyl-phenyle...	15.520	204	120157	51.712	ng		97
62) 4-Nitroaniline	15.543	138	54005	54.485	ng		90
63) Azobenzene	15.813	77	213470	46.720	ng		93
65) 4,6-Dinitro-2-methylph...	15.602	198	51493	58.027	ng		89
66) n-Nitrosodiphenylamine	15.731	169	206984	48.680	ng		99
67) 4-Bromophenyl-phenylether	16.413	248	85291	51.954	ng		98
68) Hexachlorobenzene	16.524	284	97482	53.472	ng		98
69) Atrazine	16.683	200	98417	55.435	ng		98
70) Pentachlorophenol	16.871	266	136349	123.350	ng		99
71) Phenanthrene	17.259	178	400139	49.084	ng		97
72) Anthracene	17.353	178	406972	49.077	ng		100
73) Carbazole	17.617	167	387566	53.053	ng		100
74) Di-n-butylphthalate	18.187	149	466034	53.099	ng		98
75) Fluoranthene	19.268	202	509940	53.199	ng		98
77) Benzidine	19.450	184	72712	18.567	ng		97
78) Pyrene	19.633	202	527988	45.018	ng		99
80) Butylbenzylphthalate	20.526	149	216900	49.033	ng		97
81) Benzo(a)anthracene	21.430	228	577622	48.500	ng		99
82) 3,3'-Dichlorobenzidine	21.354	252	106228	27.387	ng		98
83) Chrysene	21.495	228	541906	47.396	ng		99
84) Bis(2-ethylhexyl)phtha...	21.354	149	317429	47.796	ng		99
85) Di-n-octyl phthalate	22.494	149	551894	47.692	ng		97
87) Indeno(1,2,3-cd)pyrene	27.846	276	715259	50.031	ng	#	95
88) Benzo(b)fluoranthene	23.510	252	582818	49.329	ng		98
89) Benzo(k)fluoranthene	23.575	252	599239	49.784	ng	#	96
90) Benzo(a)pyrene	24.315	252	562088	51.143	ng	#	97
91) Dibenzo(a,h)anthracene	27.911	278	590440	51.438	ng	#	97
92) Benzo(g,h,i)perylene	28.922	276	574446	51.431	ng	#	94

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

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