Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064523.D
Acq On : 16 Oct 2025 19:42
Operator : RC/JU
Sample : Q3352-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

Quant Time: Oct 16 21:59:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	30537	20.000	ng		0.00
21) Naphthalene-d8	10.602	136	121546	20.000	ng		0.00
39) Acenaphthene-d10	14.444	164	93035	20.000	ng		0.00
64) Phenanthrene-d10	17.188	188	229486	20.000	ng		0.00
76) Chrysene-d12	21.418	240	263808	20.000	ng		0.00
86) Perylene-d12	24.403	264	299800	20.000	ng		# 0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	84790	51.387	ng		0.00
7) Phenol-d6	7.000	99	114471	51.624	ng		0.01
23) Nitrobenzene-d5	8.974	82	75894	33.574	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	95206	56.455	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	203016	32.165	ng		0.00
79) Terphenyl-d14	19.808	244	446599	32.038	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	11166	17.108	ng		98
3) Pyridine	3.704	79	30410	17.337	ng		95
4) n-Nitrosodimethylamine	3.622	42	28908	22.734	ng		92
6) Aniline	7.147	93	32801	11.727	ng	#	96
8) 2-Chlorophenol	7.388	128	48160	23.769	ng		92
9) Benzaldehyde	6.959	77	18997	9.651	ng		93
10) Phenol	7.023	94	55067	23.541	ng		98
11) bis(2-Chloroethyl)ether	7.241	93	34548	21.809	ng		93
12) 1,3-Dichlorobenzene	7.705	146	51433	23.205	ng		96
13) 1,4-Dichlorobenzene	7.852	146	52622	23.656	ng		94
14) 1,2-Dichlorobenzene	8.169	146	49683	22.661	ng		98
15) Benzyl Alcohol	8.057	79	47052	23.042	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	52131	20.416	ng		95
17) 2-Methylphenol	8.263	107	38824	22.921	ng		93
18) Hexachloroethane	8.892	117	19908	22.673	ng		94
19) n-Nitroso-di-n-propyla...	8.622	70	32803	22.120	ng	#	98
20) 3+4-Methylphenols	8.592	107	53311	22.554	ng		98
22) Acetophenone	8.633	105	79508	27.016	ng		94
24) Nitrobenzene	9.009	77	52477	23.280	ng		95
25) Isophorone	9.538	82	92784	22.658	ng		97
26) 2-Nitrophenol	9.720	139	26244	23.392	ng		96
27) 2,4-Dimethylphenol	9.785	122	46442	27.103	ng		93
28) bis(2-Chloroethoxy)met...	10.020	93	49620	23.771	ng		98
29) 2,4-Dichlorophenol	10.261	162	50088	25.277	ng		99
30) 1,2,4-Trichlorobenzene	10.466	180	54981	25.447	ng		93
31) Naphthalene	10.654	128	150179	23.994	ng		98
32) Benzoic acid	9.955	122	40427	30.729	ng		91
33) 4-Chloroaniline	10.766	127	17319	7.211	ng	#	88
34) Hexachlorobutadiene	10.942	225	43526	23.523	ng		93
35) Caprolactam	11.536	113	15653m	23.075	ng		
36) 4-Chloro-3-methylphenol	11.900	107	60512	25.112	ng		95
37) 2-Methylnaphthalene	12.264	142	105976	22.058	ng		92
38) 1-Methylnaphthalene	12.488	142	110263	23.016	ng		96
40) 1,2,4,5-Tetrachloroben...	12.634	216	79898	26.598	ng		97
41) Hexachlorocyclopentadiene	12.617	237	101425	64.547	ng		93
43) 2,4,6-Trichlorophenol	12.881	196	47982	24.987	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	53825	25.107	ng		96
46) 1,1'-Biphenyl	13.281	154	173558	25.937	ng		98
47) 2-Chloronaphthalene	13.322	162	116105	23.240	ng		98
48) 2-Nitroaniline	13.528	65	41184	24.153	ng		93
49) Acenaphthylene	14.168	152	201730	27.201	ng		99
50) Dimethylphthalate	13.909	163	165052	22.652	ng		98
51) 2,6-Dinitrotoluene	14.021	165	37045	24.406	ng		90
52) Acenaphthene	14.509	154	119445	23.182	ng		98
53) 3-Nitroaniline	14.350	138	18449	13.179	ng		95
54) 2,4-Dinitrophenol	14.562	184	50427	45.816	ng		87
55) Dibenzofuran	14.844	168	202473	23.800	ng		97
56) 4-Nitrophenol	14.679	139	57023	51.739	ng		93
57) 2,4-Dinitrotoluene	14.814	165	55970	24.121	ng		90
58) Fluorene	15.496	166	169371	23.947	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.079	232	55912	25.555	ng		99
60) Diethylphthalate	15.273	149	180920	23.145	ng		98
61) 4-Chlorophenyl-phenyle...	15.490	204	88520	22.925	ng		99
62) 4-Nitroaniline	15.519	138	37757	25.878	ng		91
63) Azobenzene	15.784	77	159801	26.397	ng		97
65) 4,6-Dinitro-2-methylph...	15.578	198	39867	24.951	ng		96
66) n-Nitrosodiphenylamine	15.707	169	148978	24.310	ng		97
67) 4-Bromophenyl-phenylether	16.383	248	65250	24.162	ng		86
68) Hexachlorobenzene	16.501	284	75527	24.441	ng		96
69) Atrazine	16.659	200	72741	26.680	ng		99
70) Pentachlorophenol	16.847	266	100022	55.359	ng		96
71) Phenanthrene	17.229	178	309513	25.790	ng		99
72) Anthracene	17.323	178	297005	24.669	ng		98
73) Carbazole	17.593	167	269510	25.898	ng		98
74) Di-n-butylphthalate	18.157	149	312628	24.609	ng		99
75) Fluoranthene	19.244	202	431708	30.111	ng		98
77) Benzidine	19.427	184	111294	16.954	ng		96
78) Pyrene	19.603	202	438717	25.626	ng		99
80) Butylbenzylphthalate	20.496	149	145768	24.018	ng		99
81) Benzo(a)anthracene	21.395	228	447886	26.590	ng		97
82) 3,3'-Dichlorobenzidine	21.318	252	61905	10.858	ng		96
83) Chrysene	21.459	228	411641	25.769	ng		98
84) Bis(2-ethylhexyl)phtha...	21.318	149	208827	24.387	ng		97
85) Di-n-octyl phthalate	22.447	149	360390	25.042	ng		100
87) Indeno(1,2,3-cd)pyrene	27.764	276	537203	25.743	ng	#	86
88) Benzo(b)fluoranthene	23.463	252	469718	27.540	ng		98
89) Benzo(k)fluoranthene	23.522	252	431870	25.141	ng		97
90) Benzo(a)pyrene	24.262	252	429659	27.334	ng		98
91) Dibenzo(a,h)anthracene	27.817	278	422199	25.299	ng		99
92) Benzo(g,h,i)perylene	28.810	276	433360	26.722	ng		95

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

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