Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
Data File : BG064504.D
Acq On : 14 Oct 2025 17:33
Operator : RC/JU
Sample : Q3321-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 14 18:09:29 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

Instrument :
BNA_G
ClientSampleId :
P001-DS-01MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/15/2025
Supervised By :mohammad ahmed 10/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.827	152	18700	20.000	ng		0.00
21) Naphthalene-d8	10.612	136	74842	20.000	ng	#	0.00
39) Acenaphthene-d10	14.449	164	54190	20.000	ng		0.00
64) Phenanthrene-d10	17.187	188	131474	20.000	ng	#	0.00
76) Chrysene-d12	21.411	240	145515	20.000	ng	#	0.00
86) Perylene-d12	24.390	264	163866	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.418	112	143572	142.089	ng		0.01
7) Phenol-d6	7.005	99	177557	130.762	ng		0.02
23) Nitrobenzene-d5	8.979	82	134529	96.652	ng		0.01
42) 2,4,6-Tribromophenol	15.941	330	152095	154.840	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	354768	96.499	ng		0.00
79) Terphenyl-d14	19.807	244	754547	98.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.338	88	16913	42.317	ng	#	76
3) Pyridine	3.732	79	41672	38.796	ng		94
4) n-Nitrosodimethylamine	3.638	42	39947	51.301	ng		92
6) Aniline	7.151	93	56182	32.801	ng		96
8) 2-Chlorophenol	7.392	128	63464	51.149	ng		97
9) Benzaldehyde	6.963	77	17443	14.471	ng		99
10) Phenol	7.028	94	66364	46.330	ng		94
11) bis(2-Chloroethyl)ether	7.251	93	46978	48.428	ng		94
12) 1,3-Dichlorobenzene	7.715	146	67831	49.975	ng		96
13) 1,4-Dichlorobenzene	7.856	146	70354	51.646	ng		94
14) 1,2-Dichlorobenzene	8.174	146	66336	49.410	ng		95
15) Benzyl Alcohol	8.062	79	62969	50.355	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.350	45	74567	47.688	ng		97
17) 2-Methylphenol	8.268	107	50993	49.162	ng		94
18) Hexachloroethane	8.902	117	25745	47.880	ng		97
19) n-Nitroso-di-n-propyla...	8.626	70	45077	49.638	ng		99
20) 3+4-Methylphenols	8.597	107	71074	49.103	ng		98
22) Acetophenone	8.644	105	105313	58.116	ng	#	96
24) Nitrobenzene	9.020	77	71121	51.239	ng		100
25) Isophorone	9.543	82	125909	49.933	ng	#	96
26) 2-Nitrophenol	9.725	139	34379	49.766	ng		92
27) 2,4-Dimethylphenol	9.795	122	60839	57.660	ng		93
28) bis(2-Chloroethoxy)met...	10.024	93	66400	51.660	ng		99
29) 2,4-Dichlorophenol	10.265	162	67146	55.032	ng		96
30) 1,2,4-Trichlorobenzene	10.477	180	71133	53.468	ng		98
31) Naphthalene	10.659	128	193912	50.315	ng		97
32) Benzoic acid	9.960	122	49061	60.562	ng		98
33) 4-Chloroaniline	10.771	127	21142	14.296	ng		94
34) Hexachlorobutadiene	10.947	225	57351	50.337	ng		96
35) Caprolactam	11.546	113	18741m	44.867	ng		
36) 4-Chloro-3-methylphenol	11.905	107	77676	52.350	ng		94
37) 2-Methylnaphthalene	12.269	142	134865	45.587	ng		99
38) 1-Methylnaphthalene	12.492	142	142006	48.139	ng		97
40) 1,2,4,5-Tetrachloroben...	12.639	216	101876	58.225	ng	#	95
41) Hexachlorocyclopentadiene	12.621	237	144551	157.936	ng		95
43) 2,4,6-Trichlorophenol	12.880	196	62942	56.273	ng		96

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44) 2,4,5-Trichlorophenol	12.956	196	72947	58.417	ng		94
46) 1,1'-Biphenyl	13.285	154	225695	57.907	ng		97
47) 2-Chloronaphthalene	13.326	162	153088	52.608	ng		98
48) 2-Nitroaniline	13.526	65	55614	55.996	ng		96
49) Acenaphthylene	14.173	152	261770	60.599	ng		99
50) Dimethylphthalate	13.914	163	220475	51.948	ng		98
51) 2,6-Dinitrotoluene	14.026	165	49621	56.125	ng		92
52) Acenaphthene	14.513	154	154801	51.581	ng		96
53) 3-Nitroaniline	14.355	138	29151	35.752	ng	#	94
54) 2,4-Dinitrophenol	14.566	184	71254	111.146	ng		89
55) Dibenzofuran	14.848	168	264830	53.444	ng		98
56) 4-Nitrophenol	14.678	139	72131	112.361	ng	#	83
57) 2,4-Dinitrotoluene	14.819	165	74724	55.288	ng		97
58) Fluorene	15.495	166	221624	53.798	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.077	232	72690m	57.039	ng		
60) Diethylphthalate	15.277	149	239887	52.688	ng		97
61) 4-Chlorophenyl-phenyle...	15.495	204	119327	53.056	ng		99
62) 4-Nitroaniline	15.518	138	48325	56.864	ng	#	83
63) Azobenzene	15.782	77	188677	53.509	ng		97
65) 4,6-Dinitro-2-methylph...	15.583	198	53108	58.015	ng		91
66) n-Nitrosodiphenylamine	15.712	169	195059	55.558	ng		97
67) 4-Bromophenyl-phenylether	16.388	248	85341	55.160	ng		86
68) Hexachlorobenzene	16.499	284	98113	55.419	ng		98
69) Atrazine	16.658	200	70456	45.106	ng		91
70) Pentachlorophenol	16.846	266	136781	132.140	ng		97
71) Phenanthrene	17.234	178	372408	54.165	ng		98
72) Anthracene	17.322	178	386442	56.026	ng		98
73) Carbazole	17.592	167	351862	59.017	ng		98
74) Di-n-butylphthalate	18.156	149	412319	56.652	ng		100
75) Fluoranthene	19.243	202	479056	58.323	ng		99
77) Benzidine	19.443	184	66563	18.383	ng		98
78) Pyrene	19.602	202	492138	52.114	ng		98
80) Butylbenzylphthalate	20.500	149	192275	57.436	ng		98
81) Benzo(a)anthracene	21.394	228	518902	55.849	ng		100
82) 3,3'-Dichlorobenzidine	21.317	252	114340	36.360	ng		97
83) Chrysene	21.458	228	487073	55.277	ng		99
84) Bis(2-ethylhexyl)phtha...	21.317	149	271927	57.571	ng		97
85) Di-n-octyl phthalate	22.445	149	467031	58.833	ng		99
87) Indeno(1,2,3-cd)pyrene	27.745	276	636108	55.769	ng		100
88) Benzo(b)fluoranthene	23.456	252	525838	56.406	ng		100
89) Benzo(k)fluoranthene	23.515	252	519702	55.352	ng		99
90) Benzo(a)pyrene	24.255	252	496097	57.741	ng		98
91) Dibenzo(a,h)anthracene	27.798	278	514746	56.432	ng	#	97
92) Benzo(g,h,i)perylene	28.791	276	505062	56.977	ng		100

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

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