Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064447.D
Acq On : 25 Sep 2025 16:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 25 16:50:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 25 15:27:57 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCC060

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	18948	20.000	ng		0.00
21) Naphthalene-d8	10.632	136	79186	20.000	ng	#	0.00
39) Acenaphthene-d10	14.468	164	59065	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	143963	20.000	ng	#	0.00
76) Chrysene-d12	21.437	240	156445	20.000	ng		0.00
86) Perylene-d12	24.433	264	168053	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.426	112	118400	117.177	ng		0.00
7) Phenol-d6	7.018	99	167219	120.706	ng		0.00
23) Nitrobenzene-d5	8.998	82	184381	124.793	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	126300	121.089	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	481539	121.544	ng		0.00
79) Terphenyl-d14	19.827	244	960292	120.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	22044	52.250	ng		95
3) Pyridine	3.734	79	63251	54.548	ng		96
4) n-Nitrosodimethylamine	3.652	42	48837	52.901	ng		95
6) Aniline	7.171	93	106127	59.143	ng		94
8) 2-Chlorophenol	7.406	128	75362	59.741	ng		97
9) Benzaldehyde	6.983	77	82439	66.539	ng		98
10) Phenol	7.042	94	86927	59.580	ng		98
11) bis(2-Chloroethyl)ether	7.265	93	57026	57.700	ng		98
12) 1,3-Dichlorobenzene	7.729	146	83796	60.870	ng		97
13) 1,4-Dichlorobenzene	7.876	146	84859	59.793	ng		96
14) 1,2-Dichlorobenzene	8.193	146	79316	58.420	ng		97
15) Benzyl Alcohol	8.076	79	77226	60.282	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.364	45	97724	55.060	ng		99
17) 2-Methylphenol	8.281	107	62469	60.065	ng		92
18) Hexachloroethane	8.916	117	32534	58.826	ng		94
19) n-Nitroso-di-n-propyla...	8.646	70	56036	58.485	ng		88
20) 3+4-Methylphenols	8.616	107	86514	58.903	ng		94
22) Acetophenone	8.657	105	118988	61.769	ng	#	97
24) Nitrobenzene	9.039	77	89081	61.600	ng		95
25) Isophorone	9.562	82	159232	58.914	ng		98
26) 2-Nitrophenol	9.744	139	45124	65.090	ng		96
27) 2,4-Dimethylphenol	9.809	122	68911	63.566	ng		92
28) bis(2-Chloroethoxy)met...	10.038	93	82903	60.844	ng		97
29) 2,4-Dichlorophenol	10.279	162	78682	62.115	ng		97
30) 1,2,4-Trichlorobenzene	10.491	180	83515	60.305	ng		99
31) Naphthalene	10.679	128	251829	61.376	ng		99
32) Benzoic acid	9.985	122	59663m	68.320	ng		
33) 4-Chloroaniline	10.784	127	95736	63.746	ng	#	96
34) Hexachlorobutadiene	10.967	225	72865	63.033	ng		89
35) Caprolactam	11.572	113	26885	58.341	ng	#	91
36) 4-Chloro-3-methylphenol	11.918	107	99605	62.713	ng		97
37) 2-Methylnaphthalene	12.288	142	191336	61.319	ng		95
38) 1-Methylnaphthalene	12.506	142	182552	60.623	ng		95
40) 1,2,4,5-Tetrachloroben...	12.659	216	117659	62.575	ng		99
41) Hexachlorocyclopentadiene	12.641	237	63983	67.502	ng		99
43) 2,4,6-Trichlorophenol	12.900	196	75347	61.787	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	82920	60.967	ng		97
46) 1,1'-Biphenyl	13.299	154	257241	61.082	ng		99
47) 2-Chloronaphthalene	13.340	162	191847	59.928	ng		98
48) 2-Nitroaniline	13.546	65	69262	62.054	ng		98
49) Acenaphthylene	14.186	152	287254	60.467	ng		100
50) Dimethylphthalate	13.928	163	270099	58.908	ng		98
51) 2,6-Dinitrotoluene	14.045	165	57311	60.935	ng		95
52) Acenaphthene	14.533	154	196816	60.211	ng		96
53) 3-Nitroaniline	14.374	138	55370	59.246	ng		94
54) 2,4-Dinitrophenol	14.580	184	39678	64.651	ng		98
55) Dibenzofuran	14.868	168	323233	60.138	ng		97
56) 4-Nitrophenol	14.692	139	48327	62.561	ng		94
57) 2,4-Dinitrotoluene	14.833	165	89742	59.457	ng	#	98
58) Fluorene	15.514	166	272356	59.390	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.097	232	86015	61.085	ng	#	99
60) Diethylphthalate	15.291	149	293720	58.007	ng		98
61) 4-Chlorophenyl-phenyle...	15.508	204	143682	59.646	ng		99
62) 4-Nitroaniline	15.538	138	63585	62.816	ng		91
63) Azobenzene	15.802	77	232686	58.134	ng		98
65) 4,6-Dinitro-2-methylph...	15.596	198	62468	62.270	ng		93
66) n-Nitrosodiphenylamine	15.726	169	232654	61.846	ng		97
67) 4-Bromophenyl-phenylether	16.401	248	101358	62.346	ng		97
68) Hexachlorobenzene	16.519	284	112922	60.731	ng		94
69) Atrazine	16.677	200	106166	58.988	ng		93
70) Pentachlorophenol	16.865	266	75039	65.199	ng		97
71) Phenanthrene	17.253	178	458201	60.642	ng		98
72) Anthracene	17.341	178	467703	60.629	ng		97
73) Carbazole	17.612	167	413389	59.905	ng		99
74) Di-n-butylphthalate	18.176	149	496342	58.803	ng		98
75) Fluoranthene	19.263	202	578629	59.956	ng		99
77) Benzidine	19.445	184	263733	65.426	ng		99
78) Pyrene	19.621	202	595949	60.594	ng		99
80) Butylbenzylphthalate	20.514	149	224602	60.876	ng		96
81) Benzo(a)anthracene	21.419	228	609908	60.843	ng		97
82) 3,3'-Dichlorobenzidine	21.343	252	210040	61.370	ng		100
83) Chrysene	21.484	228	572668	60.400	ng		99
84) Bis(2-ethylhexyl)phtha...	21.343	149	321815	60.325	ng		99
85) Di-n-octyl phthalate	22.477	149	546629	60.803	ng		100
87) Indeno(1,2,3-cd)pyrene	27.823	276	727632	61.517	ng		99
88) Benzo(b)fluoranthene	23.493	252	599675	61.768	ng		99
89) Benzo(k)fluoranthene	23.558	252	606517	62.703	ng		99
90) Benzo(a)pyrene	24.298	252	556640	62.057	ng		99
91) Dibenzo(a,h)anthracene	27.876	278	588441	61.642	ng		97
92) Benzo(g,h,i)perylene	28.881	276	569860	62.295	ng		99

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

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