Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
Data File : BG064687.D
Acq On : 5 Nov 2025 15:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 05 16:38:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.207	152	35070	20.000	ng		-0.02
21) Naphthalene-d8	11.027	136	156662	20.000	ng		#-0.02
39) Acenaphthene-d10	14.829	164	130085	20.000	ng		-0.02
64) Phenanthrene-d10	17.567	188	323139	20.000	ng		-0.02
76) Chrysene-d12	21.838	240	272085	20.000	ng		#-0.02
86) Perylene-d12	25.164	264	295948	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.733	112	165799	79.354	ng		-0.02
7) Phenol-d6	7.343	99	239699	83.605	ng		0.00
23) Nitrobenzene-d5	9.370	82	252356	96.751	ng		-0.02
42) 2,4,6-Tribromophenol	16.309	330	197133	104.997	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	715618	83.384	ng		-0.02
79) Terphenyl-d14	20.158	244	1382241	95.871	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.571	88	33437	36.147	ng		95
3) Pyridine	3.983	79	99262	35.733	ng		97
4) n-Nitrosodimethylamine	3.889	42	55193	37.051	ng		97
6) Aniline	7.520	93	156363	40.080	ng		98
8) 2-Chlorophenol	7.766	128	96943	44.328	ng		98
9) Benzaldehyde	7.326	77	63110	40.320	ng		97
10) Phenol	7.373	94	131535	41.484	ng		95
11) bis(2-Chloroethyl)ether	7.608	93	94670	40.610	ng		94
12) 1,3-Dichlorobenzene	8.095	146	104841	41.652	ng		99
13) 1,4-Dichlorobenzene	8.242	146	107119	41.853	ng		96
14) 1,2-Dichlorobenzene	8.565	146	103426	41.896	ng		99
15) Benzyl Alcohol	8.436	79	103816	43.911	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.724	45	243679	39.850	ng		98
17) 2-Methylphenol	8.636	107	92175	43.785	ng		97
18) Hexachloroethane	9.306	117	38961	43.379	ng		91
19) n-Nitroso-di-n-propyla...	9.012	70	87588	44.205	ng		98
20) 3+4-Methylphenols	8.965	107	129216	43.646	ng		94
22) Acetophenone	9.030	105	166969	38.989	ng	#	97
24) Nitrobenzene	9.412	77	130742	46.085	ng		95
25) Isophorone	9.940	82	261873	41.841	ng		99
26) 2-Nitrophenol	10.128	139	60134	54.485	ng		96
27) 2,4-Dimethylphenol	10.181	122	97063	41.692	ng		95
28) bis(2-Chloroethoxy)met...	10.416	93	145558	40.847	ng		99
29) 2,4-Dichlorophenol	10.669	162	115620	46.147	ng		98
30) 1,2,4-Trichlorobenzene	10.892	180	124771	43.830	ng		99
31) Naphthalene	11.080	128	363810	41.885	ng		99
32) Benzoic acid	10.305	122	53334	32.288	ng		89
33) 4-Chloroaniline	11.174	127	142595	42.238	ng		95
34) Hexachlorobutadiene	11.374	225	101784	45.719	ng		97
35) Caprolactam	11.956	113	37909	39.449	ng		98
36) 4-Chloro-3-methylphenol	12.285	107	138348	45.938	ng		99
37) 2-Methylnaphthalene	12.672	142	270347	42.394	ng		99
38) 1-Methylnaphthalene	12.890	142	265369	42.035	ng		98
40) 1,2,4,5-Tetrachloroben...	13.037	216	188272	43.125	ng		99
41) Hexachlorocyclopentadiene	13.019	237	92385	47.014	ng		98
43) 2,4,6-Trichlorophenol	13.266	196	119900	48.013	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.336	196	136184	47.256	ng		97
46) 1,1'-Biphenyl	13.665	154	381100	41.208	ng		96
47) 2-Chloronaphthalene	13.712	162	292183	41.855	ng		99
48) 2-Nitroaniline	13.900	65	106080	45.449	ng		98
49) Acenaphthylene	14.553	152	456004	41.414	ng		99
50) Dimethylphthalate	14.271	163	421438	42.338	ng		99
51) 2,6-Dinitrotoluene	14.388	165	81447	49.483	ng		98
52) Acenaphthene	14.893	154	311599	41.420	ng		94
53) 3-Nitroaniline	14.717	138	83765	48.966	ng	#	94
54) 2,4-Dinitrophenol	14.923	184	36158	38.950	ng	#	41
55) Dibenzofuran	15.222	168	507855	41.757	ng		97
56) 4-Nitrophenol	15.011	139	54660	34.464	ng		95
57) 2,4-Dinitrotoluene	15.169	165	125651	49.385	ng		99
58) Fluorene	15.869	166	408515	43.009	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.446	232	129691	47.062	ng		98
60) Diethylphthalate	15.628	149	425326	41.848	ng		98
61) 4-Chlorophenyl-phenyle...	15.857	204	242842	45.558	ng		97
62) 4-Nitroaniline	15.875	138	83275	43.757	ng		94
63) Azobenzene	16.151	77	366478	39.299	ng		97
65) 4,6-Dinitro-2-methylph...	15.933	198	74475	51.882	ng		95
66) n-Nitrosodiphenylamine	16.068	169	366427	41.979	ng		99
67) 4-Bromophenyl-phenylether	16.750	248	177335	46.310	ng		97
68) Hexachlorobenzene	16.873	284	205156	46.961	ng		96
69) Atrazine	17.009	200	153882	40.966	ng		99
70) Pentachlorophenol	17.214	266	109965	40.366	ng		91
71) Phenanthrene	17.608	178	735049	41.596	ng		99
72) Anthracene	17.696	178	739403	41.133	ng		100
73) Carbazole	17.960	167	574989	36.274	ng		99
74) Di-n-butylphthalate	18.513	149	723396	39.465	ng		99
75) Fluoranthene	19.605	202	822670	37.162	ng		98
77) Benzidine	19.770	184	243322	39.916	ng		99
78) Pyrene	19.964	202	836146	47.036	ng		99
80) Butylbenzylphthalate	20.839	149	242590	45.152	ng		93
81) Benzo(a)anthracene	21.821	228	758610	42.050	ng		99
82) 3,3'-Dichlorobenzidine	21.721	252	258617	42.928	ng		98
83) Chrysene	21.885	228	715185	41.663	ng		97
84) Bis(2-ethylhexyl)phtha...	21.721	149	332540	41.422	ng		97
85) Di-n-octyl phthalate	22.978	149	577530	42.668	ng		97
87) Indeno(1,2,3-cd)pyrene	28.994	276	907365	41.678	ng	#	96
88) Benzo(b)fluoranthene	24.112	252	766556m	42.240	ng		
89) Benzo(k)fluoranthene	24.182	252	744267	40.984	ng		97
90) Benzo(a)pyrene	25.011	252	696722	41.766	ng		99
91) Dibenzo(a,h)anthracene	29.053	278	738167	41.734	ng		98
92) Benzo(g,h,i)perylene	30.181	276	702818	41.596	ng		97

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

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