Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102825\
Data File : BG064600.D
Acq On : 28 Oct 2025 13:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 04 05:52:55 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.219	152	28654	20.000	ng		0.00
21) Naphthalene-d8	11.045	136	112694	20.000	ng		0.00
39) Acenaphthene-d10	14.841	164	87446	20.000	ng		0.00
64) Phenanthrene-d10	17.573	188	216707	20.000	ng		0.00
76) Chrysene-d12	21.850	240	273944	20.000	ng		0.00
86) Perylene-d12	25.187	264	304830	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.740	112	142616	83.542	ng		0.00
7) Phenol-d6	7.349	99	191982	81.955	ng		0.00
23) Nitrobenzene-d5	9.382	82	162656	86.691	ng		0.00
42) 2,4,6-Tribromophenol	16.315	330	106515	84.394	ng		0.00
45) 2-Fluorobiphenyl	13.472	172	484009	83.896	ng		0.00
79) Terphenyl-d14	20.164	244	1151331	79.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.583	88	28627	37.877	ng		96
3) Pyridine	3.995	79	85039	37.468	ng		96
4) n-Nitrosodimethylamine	3.901	42	48193	39.595	ng		98
6) Aniline	7.526	93	131167	41.150	ng		97
8) 2-Chlorophenol	7.773	128	71365	39.939	ng		97
9) Benzaldehyde	7.338	77	50881	39.786	ng		98
10) Phenol	7.373	94	108177	41.757	ng		93
11) bis(2-Chloroethyl)ether	7.620	93	79327	41.648	ng		98
12) 1,3-Dichlorobenzene	8.107	146	85428	41.539	ng		99
13) 1,4-Dichlorobenzene	8.254	146	87240	41.719	ng		92
14) 1,2-Dichlorobenzene	8.577	146	82629	40.967	ng		97
15) Benzyl Alcohol	8.442	79	75132	38.894	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.736	45	222337	44.501	ng		98
17) 2-Methylphenol	8.642	107	71327	41.468	ng		95
18) Hexachloroethane	9.324	117	31601	43.063	ng		91
19) n-Nitroso-di-n-propyla...	9.018	70	69339	42.830	ng		98
20) 3+4-Methylphenols	8.971	107	95766	39.590	ng		98
22) Acetophenone	9.036	105	131316	42.627	ng	#	99
24) Nitrobenzene	9.424	77	88243	43.241	ng		99
25) Isophorone	9.952	82	195962	43.526	ng		98
26) 2-Nitrophenol	10.140	139	30416	39.240	ng		95
27) 2,4-Dimethylphenol	10.187	122	72780	43.459	ng		92
28) bis(2-Chloroethoxy)met...	10.428	93	110021	42.920	ng		99
29) 2,4-Dichlorophenol	10.675	162	75996	42.166	ng		98
30) 1,2,4-Trichlorobenzene	10.904	180	88031	42.989	ng		94
31) Naphthalene	11.092	128	267088	42.747	ng		98
32) Benzoic acid	10.293	122	36127	30.728	ng		94
33) 4-Chloroaniline	11.186	127	102047	42.020	ng		96
34) Hexachlorobutadiene	11.386	225	67950	42.430	ng		97
35) Caprolactam	11.944	113	27418	39.664	ng	#	82
36) 4-Chloro-3-methylphenol	12.285	107	91886	42.414	ng		95
37) 2-Methylnaphthalene	12.684	142	195870	42.698	ng		99
38) 1-Methylnaphthalene	12.902	142	190905	42.038	ng		100
40) 1,2,4,5-Tetrachloroben...	13.049	216	124461	42.409	ng		99
41) Hexachlorocyclopentadiene	13.037	237	57178	43.286	ng		96
43) 2,4,6-Trichlorophenol	13.272	196	71291	42.468	ng		98

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44) 2,4,5-Trichlorophenol	13.342	196	80887	41.754	ng		99
46) 1,1'-Biphenyl	13.677	154	264348	42.521	ng		98
47) 2-Chloronaphthalene	13.724	162	199722	42.561	ng		99
48) 2-Nitroaniline	13.906	65	56752	36.830	ng		95
49) Acenaphthylene	14.565	152	314519	42.492	ng		100
50) Dimethylphthalate	14.283	163	275910	41.234	ng		100
51) 2,6-Dinitrotoluene	14.394	165	41085	37.929	ng		97
52) Acenaphthene	14.905	154	215218	42.558	ng		99
53) 3-Nitroaniline	14.723	138	50696	44.086	ng		98
54) 2,4-Dinitrophenol	14.923	184	27617	43.496	ng		79
55) Dibenzofuran	15.234	168	344095	42.088	ng		96
56) 4-Nitrophenol	15.011	139	45706	42.870	ng		92
57) 2,4-Dinitrotoluene	15.176	165	65358	38.904	ng	#	98
58) Fluorene	15.881	166	273843	42.889	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.452	232	78718	42.494	ng		99
60) Diethylphthalate	15.640	149	283156	41.444	ng		98
61) 4-Chlorophenyl-phenyle...	15.869	204	152906	42.673	ng		97
62) 4-Nitroaniline	15.881	138	59041	46.150	ng		95
63) Azobenzene	16.163	77	272127	43.410	ng		97
65) 4,6-Dinitro-2-methylph...	15.939	198	41592	44.112	ng		93
66) n-Nitrosodiphenylamine	16.080	169	245458	41.931	ng		98
67) 4-Bromophenyl-phenylether	16.762	248	108377	42.202	ng		98
68) Hexachlorobenzene	16.885	284	124024	42.333	ng		97
69) Atrazine	17.015	200	100596	39.933	ng		97
70) Pentachlorophenol	17.220	266	77871	42.624	ng		94
71) Phenanthrene	17.620	178	508872	42.940	ng		99
72) Anthracene	17.708	178	519429	43.088	ng		100
73) Carbazole	17.966	167	461150	43.381	ng		99
74) Di-n-butylphthalate	18.525	149	509848	41.476	ng		99
75) Fluoranthene	19.612	202	657820	44.309	ng		100
77) Benzidine	19.776	184	263080	42.865	ng		99
78) Pyrene	19.970	202	701611	39.200	ng		99
80) Butylbenzylphthalate	20.851	149	223322	41.284	ng		98
81) Benzo(a)anthracene	21.833	228	783360	43.127	ng		99
82) 3,3'-Dichlorobenzidine	21.733	252	264664	43.634	ng		99
83) Chrysene	21.897	228	737979	42.699	ng		99
84) Bis(2-ethylhexyl)phtha...	21.738	149	338648	41.896	ng		99
85) Di-n-octyl phthalate	23.002	149	585842	42.989	ng		99
87) Indeno(1,2,3-cd)pyrene	29.030	276	965926	43.075	ng		99
88) Benzo(b)fluoranthene	24.136	252	782982	41.888	ng		100
89) Benzo(k)fluoranthene	24.200	252	795148	42.510	ng		98
90) Benzo(a)pyrene	25.041	252	732498	42.632	ng		98
91) Dibenzo(a,h)anthracene	29.095	278	787525	43.228	ng		97
92) Benzo(g,h,i)perylene	30.211	276	743544	42.724	ng		98

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

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