Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112125\
Data File : BG064846.D
Acq On : 21 Nov 2025 17:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 21 18:06:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.164	152	43942	20.000	ng		# 0.00
21) Naphthalene-d8	10.979	136	171454	20.000	ng		0.00
39) Acenaphthene-d10	14.774	164	144962	20.000	ng		0.00
64) Phenanthrene-d10	17.500	188	368096	20.000	ng		0.00
76) Chrysene-d12	21.754	240	440738	20.000	ng		0.00
86) Perylene-d12	25.009	264	443644	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.703	112	201774	80.183	ng		0.00
7) Phenol-d6	7.312	99	273435	81.697	ng		0.00
23) Nitrobenzene-d5	9.328	82	280338	80.842	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	235079	83.149	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	801679	77.166	ng		0.00
79) Terphenyl-d14	20.086	244	1882902	84.037	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	36555	37.523	ng		99
3) Pyridine	3.940	79	112972	38.920	ng		94
4) n-Nitrosodimethylamine	3.852	42	50289	34.040	ng		92
6) Aniline	7.477	93	178236	39.953	ng		98
8) 2-Chlorophenol	7.724	128	113307	41.007	ng		99
9) Benzaldehyde	7.289	77	83697	38.202	ng		98
10) Phenol	7.336	94	149108	40.946	ng		96
11) bis(2-Chloroethyl)ether	7.571	93	103986	40.128	ng		98
12) 1,3-Dichlorobenzene	8.053	146	128206	40.323	ng		97
13) 1,4-Dichlorobenzene	8.200	146	129611	40.034	ng		95
14) 1,2-Dichlorobenzene	8.523	146	127305	40.554	ng		97
15) Benzyl Alcohol	8.393	79	111971	40.758	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.687	45	213584	34.822	ng		99
17) 2-Methylphenol	8.599	107	104100	40.401	ng		98
18) Hexachloroethane	9.263	117	47076	38.392	ng		99
19) n-Nitroso-di-n-propyla...	8.969	70	92497	40.873	ng		92
20) 3+4-Methylphenols	8.928	107	140558	39.819	ng		94
22) Acetophenone	8.987	105	190219	40.722	ng		97
24) Nitrobenzene	9.369	77	140820	40.190	ng		98
25) Isophorone	9.892	82	264870	40.110	ng		98
26) 2-Nitrophenol	10.086	139	72417	45.950	ng		92
27) 2,4-Dimethylphenol	10.138	122	112053	40.021	ng		92
28) bis(2-Chloroethoxy)met...	10.374	93	151633	41.826	ng		97
29) 2,4-Dichlorophenol	10.620	162	130804	43.514	ng		98
30) 1,2,4-Trichlorobenzene	10.844	180	145985	40.218	ng		97
31) Naphthalene	11.032	128	387627	39.882	ng		98
32) Benzoic acid	10.262	122	85278m	43.749	ng		
33) 4-Chloroaniline	11.126	127	165721	42.624	ng		98
34) Hexachlorobutadiene	11.319	225	124558	39.994	ng		98
35) Caprolactam	11.895	113	42715	47.509	ng	#	88
36) 4-Chloro-3-methylphenol	12.236	107	142886	42.706	ng		98
37) 2-Methylnaphthalene	12.624	142	294650	40.511	ng		97
38) 1-Methylnaphthalene	12.841	142	289891	40.124	ng		99
40) 1,2,4,5-Tetrachloroben...	12.982	216	220008	38.998	ng		99
41) Hexachlorocyclopentadiene	12.970	237	148607	36.750	ng		98
43) 2,4,6-Trichlorophenol	13.217	196	138062	41.697	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	153551	41.348	ng		95
46) 1,1'-Biphenyl	13.617	154	408366	39.222	ng		100
47) 2-Chloronaphthalene	13.664	162	322114	39.270	ng		99
48) 2-Nitroaniline	13.846	65	108396	41.086	ng		99
49) Acenaphthylene	14.498	152	556693	39.726	ng		99
50) Dimethylphthalate	14.216	163	456483	39.864	ng		98
51) 2,6-Dinitrotoluene	14.334	165	91458	41.507	ng		97
52) Acenaphthene	14.839	154	346853	41.281	ng		97
53) 3-Nitroaniline	14.663	138	94213	43.321	ng		92
54) 2,4-Dinitrophenol	14.868	184	65421	47.276	ng		100
55) Dibenzofuran	15.168	168	552445	39.770	ng		98
56) 4-Nitrophenol	14.962	139	79584	46.123	ng		95
57) 2,4-Dinitrotoluene	15.115	165	147513	44.655	ng		97
58) Fluorene	15.814	166	431094	39.569	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.385	232	158406	43.233	ng		97
60) Diethylphthalate	15.573	149	441180	40.218	ng		99
61) 4-Chlorophenyl-phenyle...	15.802	204	260556	39.851	ng		98
62) 4-Nitroaniline	15.820	138	100348	44.540	ng		94
63) Azobenzene	16.090	77	358260	39.265	ng		96
65) 4,6-Dinitro-2-methylph...	15.879	198	98946	48.414	ng		91
66) n-Nitrosodiphenylamine	16.008	169	392334	40.692	ng		99
67) 4-Bromophenyl-phenylether	16.690	248	193548	40.040	ng		97
68) Hexachlorobenzene	16.813	284	237119	40.488	ng		96
69) Atrazine	16.948	200	186130	40.040	ng		98
70) Pentachlorophenol	17.148	266	150505	46.235	ng		98
71) Phenanthrene	17.547	178	796649	39.556	ng		99
72) Anthracene	17.636	178	820368	39.948	ng		100
73) Carbazole	17.894	167	693160	39.263	ng		100
74) Di-n-butylphthalate	18.446	149	781295	39.668	ng		99
75) Fluoranthene	19.539	202	1043522	37.891	ng		100
77) Benzidine	19.704	184	396401	30.032	ng		99
78) Pyrene	19.898	202	1071381	43.373	ng		98
80) Butylbenzylphthalate	20.761	149	364899	41.998	ng		97
81) Benzo(a)anthracene	21.731	228	1188218	39.649	ng		100
82) 3,3'-Dichlorobenzidine	21.637	252	405890	36.797	ng		99
83) Chrysene	21.801	228	1122657	39.735	ng		99
84) Bis(2-ethylhexyl)phtha...	21.631	149	499800	39.366	ng		98
85) Di-n-octyl phthalate	22.853	149	839914	38.272	ng		98
87) Indeno(1,2,3-cd)pyrene	28.740	276	1284357	42.138	ng	#	96
88) Benzo(b)fluoranthene	23.975	252	1145082	40.559	ng		99
89) Benzo(k)fluoranthene	24.046	252	1121407	39.536	ng		100
90) Benzo(a)pyrene	24.862	252	1037741	39.624	ng		99
91) Dibenzo(a,h)anthracene	28.805	278	1050978	42.090	ng		96
92) Benzo(g,h,i)perylene	29.904	276	1025455	42.672	ng		99

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

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