Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092625\
Data File : BG064456.D
Acq On : 26 Sep 2025 16:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 26 17:02:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 26 06:30:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.838	152	13996	20.000	ng		0.00
21) Naphthalene-d8	10.623	136	59798	20.000	ng		0.00
39) Acenaphthene-d10	14.465	164	48880	20.000	ng		0.00
64) Phenanthrene-d10	17.203	188	128721	20.000	ng	#	0.00
76) Chrysene-d12	21.433	240	141975	20.000	ng		0.00
86) Perylene-d12	24.430	264	156748	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.429	112	64909	88.624	ng		0.00
7) Phenol-d6	7.009	99	88094	87.796	ng		0.00
23) Nitrobenzene-d5	8.989	82	97733	88.575	ng		0.00
42) 2,4,6-Tribromophenol	15.952	330	78191	91.631	ng		0.00
45) 2-Fluorobiphenyl	13.090	172	281250	84.965	ng		0.00
79) Terphenyl-d14	19.824	244	629775	87.443	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.343	88	12292	39.994	ng		93
3) Pyridine	3.731	79	35652	43.028	ng		91
4) n-Nitrosodimethylamine	3.648	42	27388	43.272	ng		99
6) Aniline	7.168	93	56644	43.595	ng		94
8) 2-Chlorophenol	7.403	128	40167	43.836	ng		90
9) Benzaldehyde	6.980	77	27245	31.900	ng		92
10) Phenol	7.039	94	46828	43.103	ng		94
11) bis(2-Chloroethyl)ether	7.262	93	31576	43.286	ng		94
12) 1,3-Dichlorobenzene	7.726	146	46371	45.148	ng		95
13) 1,4-Dichlorobenzene	7.873	146	45069	42.956	ng		96
14) 1,2-Dichlorobenzene	8.190	146	43875	44.128	ng		96
15) Benzyl Alcohol	8.073	79	39885	42.187	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.360	45	53057	41.712	ng		99
17) 2-Methylphenol	8.278	107	33541	42.735	ng		89
18) Hexachloroethane	8.919	117	17123	43.257	ng		92
19) n-Nitroso-di-n-propyla...	8.637	70	29047	42.829	ng		93
20) 3+4-Methylphenols	8.607	107	45005	40.792	ng		88
22) Acetophenone	8.654	105	62726	43.815	ng	#	99
24) Nitrobenzene	9.036	77	49180	45.662	ng		98
25) Isophorone	9.553	82	86487	42.362	ng		97
26) 2-Nitrophenol	9.741	139	23636	44.582	ng		98
27) 2,4-Dimethylphenol	9.806	122	36690	42.908	ng		94
28) bis(2-Chloroethoxy)met...	10.041	93	44243	41.947	ng		97
29) 2,4-Dichlorophenol	10.276	162	41980	42.657	ng		99
30) 1,2,4-Trichlorobenzene	10.493	180	46325	44.008	ng		90
31) Naphthalene	10.675	128	134700	43.148	ng		98
32) Benzoic acid	9.941	122	26664m	42.147	ng		
33) 4-Chloroaniline	10.781	127	49711	43.530	ng		98
34) Hexachlorobutadiene	10.963	225	39196	43.714	ng		90
35) Caprolactam	11.551	113	15754	48.516	ng		94
36) 4-Chloro-3-methylphenol	11.909	107	56784	48.679	ng		97
37) 2-Methylnaphthalene	12.285	142	109582	46.486	ng		95
38) 1-Methylnaphthalene	12.503	142	105164	45.404	ng		98
40) 1,2,4,5-Tetrachloroben...	12.655	216	67307	43.206	ng		99
41) Hexachlorocyclopentadiene	12.638	237	33970	41.060	ng		92
43) 2,4,6-Trichlorophenol	12.896	196	44637	43.928	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	49214	43.688	ng		96
46) 1,1'-Biphenyl	13.296	154	149613	43.028	ng		98
47) 2-Chloronaphthalene	13.337	162	111866	42.329	ng		98
48) 2-Nitroaniline	13.543	65	40894	45.023	ng		97
49) Acenaphthylene	14.183	152	170197	43.380	ng		97
50) Dimethylphthalate	13.919	163	164376	44.019	ng		99
51) 2,6-Dinitrotoluene	14.036	165	34433	43.901	ng		96
52) Acenaphthene	14.530	154	118265	44.047	ng		92
53) 3-Nitroaniline	14.365	138	34740	46.743	ng		96
54) 2,4-Dinitrophenol	14.577	184	21828	41.905	ng		92
55) Dibenzofuran	14.865	168	196525	44.146	ng		100
56) 4-Nitrophenol	14.682	139	28050	46.627	ng		95
57) 2,4-Dinitrotoluene	14.829	165	54108	45.189	ng	#	95
58) Fluorene	15.511	166	162831	44.309	ng		90
59) 2,3,4,6-Tetrachlorophenol	15.094	232	51209	46.317	ng		99
60) Diethylphthalate	15.288	149	181618	45.139	ng		99
61) 4-Chlorophenyl-phenyle...	15.505	204	88857	44.279	ng		99
62) 4-Nitroaniline	15.529	138	37369	46.891	ng		96
63) Azobenzene	15.799	77	140746	44.703	ng		98
65) 4,6-Dinitro-2-methylph...	15.593	198	39112	44.357	ng		98
66) n-Nitrosodiphenylamine	15.722	169	142491	41.484	ng		96
67) 4-Bromophenyl-phenylether	16.398	248	63663	42.210	ng		98
68) Hexachlorobenzene	16.516	284	74430	43.363	ng		99
69) Atrazine	16.674	200	68604	43.961	ng		96
70) Pentachlorophenol	16.862	266	46891	45.268	ng		97
71) Phenanthrene	17.250	178	285639	42.693	ng		98
72) Anthracene	17.338	178	294713	43.257	ng		98
73) Carbazole	17.608	167	262523	43.922	ng		100
74) Di-n-butylphthalate	18.172	149	318648	43.583	ng		100
75) Fluoranthene	19.259	202	369762	43.765	ng		99
77) Benzidine	19.442	184	131109	35.271	ng		99
78) Pyrene	19.618	202	384913	43.693	ng		99
80) Butylbenzylphthalate	20.517	149	140766	42.751	ng		99
81) Benzo(a)anthracene	21.416	228	392907	43.222	ng		97
82) 3,3'-Dichlorobenzidine	21.339	252	135464	43.331	ng		99
83) Chrysene	21.480	228	371908	43.200	ng		99
84) Bis(2-ethylhexyl)phtha...	21.339	149	206366	43.508	ng		97
85) Di-n-octyl phthalate	22.473	149	351375	43.579	ng		100
87) Indeno(1,2,3-cd)pyrene	27.808	276	470514	42.472	ng		99
88) Benzo(b)fluoranthene	23.490	252	389022	43.293	ng		100
89) Benzo(k)fluoranthene	23.549	252	388785	43.225	ng		99
90) Benzo(a)pyrene	24.289	252	357093	42.900	ng		99
91) Dibenzo(a,h)anthracene	27.867	278	380693	42.388	ng		99
92) Benzo(g,h,i)perylene	28.866	276	361175	41.874	ng		98

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

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