Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121625\
Data File : BG064956.D
Acq On : 16 Dec 2025 14:26
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Quant Time: Dec 17 05:14:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 17 05:08:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.042	152	45080	20.000	ng		0.00
21) Naphthalene-d8	10.844	136	203612	20.000	ng		0.00
39) Acenaphthene-d10	14.658	164	161565	20.000	ng		0.00
64) Phenanthrene-d10	17.390	188	373637	20.000	ng		0.00
76) Chrysene-d12	21.638	240	399432	20.000	ng		0.00
86) Perylene-d12	24.810	264	436669	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	117231	41.936	ng		0.00
7) Phenol-d6	7.184	99	162227	41.460	ng		0.00
23) Nitrobenzene-d5	9.199	82	130268	37.996	ng		0.00
42) 2,4,6-Tribromophenol	16.132	330	87090	41.545	ng		0.00
45) 2-Fluorobiphenyl	13.289	172	451713	41.605	ng		0.00
79) Terphenyl-d14	19.998	244	905816	42.756	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.506	88	23239	20.653	ng		96
3) Pyridine	3.900	79	74390	20.697	ng		99
4) n-Nitrosodimethylamine	3.817	42	36898	20.827	ng		99
6) Aniline	7.360	93	110399	20.488	ng		97
8) 2-Chlorophenol	7.601	128	62248	20.284	ng		93
9) Benzaldehyde	7.178	77	50564	17.326	ng		99
10) Phenol	7.213	94	88673	20.380	ng		95
11) bis(2-Chloroethyl)ether	7.460	93	66851	20.564	ng		96
12) 1,3-Dichlorobenzene	7.930	146	69365	20.552	ng		91
13) 1,4-Dichlorobenzene	8.077	146	72692	21.032	ng		98
14) 1,2-Dichlorobenzene	8.394	146	69226	20.545	ng		97
15) Benzyl Alcohol	8.271	79	67955	20.735	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.571	45	166181	20.702	ng		100
17) 2-Methylphenol	8.471	107	61218	20.889	ng		96
18) Hexachloroethane	9.129	117	25288	20.361	ng		93
19) n-Nitroso-di-n-propyla...	8.841	70	63259	21.102	ng		96
20) 3+4-Methylphenols	8.794	107	82058	20.416	ng		97
22) Acetophenone	8.859	105	112833	20.238	ng		95
24) Nitrobenzene	9.240	77	74369	19.955	ng		98
25) Isophorone	9.763	82	178375	20.795	ng		99
26) 2-Nitrophenol	9.951	139	23487	17.779	ng	#	89
27) 2,4-Dimethylphenol	10.004	122	70218	20.449	ng		93
28) bis(2-Chloroethoxy)met...	10.245	93	99100	20.456	ng		97
29) 2,4-Dichlorophenol	10.480	162	68003	20.297	ng		96
30) 1,2,4-Trichlorobenzene	10.703	180	72795	20.328	ng		98
31) Naphthalene	10.897	128	228712	20.568	ng		99
32) Benzoic acid	10.086	122	32158	14.077	ng		98
33) 4-Chloroaniline	10.991	127	100120	20.439	ng		98
34) Hexachlorobutadiene	11.185	225	52670	20.248	ng		95
35) Caprolactam	11.743	113	25952	20.955	ng		96
36) 4-Chloro-3-methylphenol	12.096	107	80478	20.349	ng		94
37) 2-Methylnaphthalene	12.495	142	175726	20.566	ng		96
38) 1-Methylnaphthalene	12.713	142	175092	20.556	ng		96
40) 1,2,4,5-Tetrachloroben...	12.860	216	95460	20.323	ng		100
41) Hexachlorocyclopentadiene	12.842	237	53982	18.544	ng		97
43) 2,4,6-Trichlorophenol	13.089	196	60762	19.873	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.153	196	69082	20.202	ng		97
46) 1,1'-Biphenyl	13.494	154	238335	20.442	ng		99
47) 2-Chloronaphthalene	13.535	162	187964	20.551	ng		96
48) 2-Nitroaniline	13.729	65	42267	17.883	ng		99
49) Acenaphthylene	14.381	152	313197	20.559	ng		99
50) Dimethylphthalate	14.111	163	251821	20.766	ng		100
51) 2,6-Dinitrotoluene	14.223	165	32184	18.032	ng		92
52) Acenaphthene	14.716	154	190077	20.203	ng		100
53) 3-Nitroaniline	14.546	138	40657	18.874	ng	#	90
54) 2,4-Dinitrophenol	14.746	184	13606	18.657	ng	#	78
55) Dibenzofuran	15.051	168	306696	20.930	ng		100
56) 4-Nitrophenol	14.834	139	35945	18.262	ng		95
57) 2,4-Dinitrotoluene	15.004	165	47393	18.584	ng		93
58) Fluorene	15.698	166	248972	20.869	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.269	232	62500	20.431	ng	#	99
60) Diethylphthalate	15.468	149	277266	21.370	ng		99
61) 4-Chlorophenyl-phenyle...	15.692	204	128207	20.669	ng		98
62) 4-Nitroaniline	15.703	138	47236	20.125	ng		97
63) Azobenzene	15.985	77	246515	20.802	ng		98
65) 4,6-Dinitro-2-methylph...	15.762	198	21219	17.729	ng		97
66) n-Nitrosodiphenylamine	15.903	169	219377	20.319	ng		98
67) 4-Bromophenyl-phenylether	16.585	248	85034	19.714	ng		95
68) Hexachlorobenzene	16.696	284	97348	19.803	ng		99
69) Atrazine	16.843	200	88913	20.365	ng		96
70) Pentachlorophenol	17.037	266	57876	18.607	ng		95
71) Phenanthrene	17.437	178	427579	20.317	ng		99
72) Anthracene	17.525	178	442452	20.564	ng		99
73) Carbazole	17.783	167	397551	20.735	ng		98
74) Di-n-butylphthalate	18.353	149	487809	20.790	ng		99
75) Fluoranthene	19.434	202	513792	20.716	ng		99
77) Benzidine	19.611	184	259512	23.360	ng		99
78) Pyrene	19.799	202	539980	20.882	ng		99
80) Butylbenzylphthalate	20.686	149	208582	20.242	ng		99
81) Benzo(a)anthracene	21.620	228	556777	20.406	ng		99
82) 3,3'-Dichlorobenzidine	21.532	252	201429	21.078	ng		99
83) Chrysene	21.685	228	528599	20.276	ng		100
84) Bis(2-ethylhexyl)phtha...	21.544	149	322554	20.433	ng		99
85) Di-n-octyl phthalate	22.748	149	536451	19.743	ng		99
87) Indeno(1,2,3-cd)pyrene	28.418	276	652066	20.046	ng		99
88) Benzo(b)fluoranthene	23.806	252	539067	20.172	ng		100
89) Benzo(k)fluoranthene	23.870	252	560003	20.540	ng		99
90) Benzo(a)pyrene	24.658	252	509742	20.066	ng		99
91) Dibenzo(a,h)anthracene	28.477	278	547811	20.225	ng		98
92) Benzo(g,h,i)perylene	29.540	276	526420	20.013	ng		99

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

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