Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064595.D
Acq On : 27 Oct 2025 20:09
Operator : RC/JU
Sample : Q3451-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 01:23:20 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 :
TP-11MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
10/28/2025
Supervised By :mohammad ahmed
11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	35338	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	148656	20.000	ng	0.00
39) Acenaphthene-d10	14.841	164	117314	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	271824	20.000	ng	0.00
76) Chrysene-d12	21.851	240	289951	20.000	ng	0.00
86) Perylene-d12	25.188	264	317867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	228390	108.481	ng	0.00
7) Phenol-d6	7.350	99	296157	102.513	ng	0.00
23) Nitrobenzene-d5	9.383	82	168702	68.162	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	173823	102.660	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	466161	60.230	ng	0.00
79) Terphenyl-d14	20.165	244	929764	60.514	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.584	88	36432	39.086	ng	95
3) Pyridine	3.989	79	100542	35.920	ng	97
4) n-Nitrosodimethylamine	3.895	42	65493	43.631	ng	98
6) Aniline	7.526	93	98025	24.936	ng	97
8) 2-Chlorophenol	7.779	128	121325	55.057	ng	98
9) Benzaldehyde	7.338	77	53314	33.803	ng	97
10) Phenol	7.380	94	166096	51.987	ng	97
11) bis(2-Chloroethyl)ether	7.620	93	107694	45.847	ng	95
12) 1,3-Dichlorobenzene	8.108	146	123226	48.585	ng	96
13) 1,4-Dichlorobenzene	8.255	146	124684	48.347	ng	97
14) 1,2-Dichlorobenzene	8.578	146	122885	49.402	ng	99
15) Benzyl Alcohol	8.449	79	124037	52.066	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.743	45	294123	47.735	ng	98
17) 2-Methylphenol	8.649	107	113834	53.663	ng	97
18) Hexachloroethane	9.318	117	45304	50.059	ng	98
19) n-Nitroso-di-n-propyla...	9.025	70	97476	48.822	ng	99
20) 3+4-Methylphenols	8.972	107	154984	51.953	ng	97
22) Acetophenone	9.042	105	207298	51.013	ng	96
24) Nitrobenzene	9.424	77	138208	51.341	ng	95
25) Isophorone	9.953	82	277592	46.741	ng	98
26) 2-Nitrophenol	10.141	139	54805	52.454	ng	95
27) 2,4-Dimethylphenol	10.188	122	127646	57.781	ng	97
28) bis(2-Chloroethoxy)met...	10.435	93	161754	47.836	ng	99
29) 2,4-Dichlorophenol	10.676	162	127710	53.718	ng	97
30) 1,2,4-Trichlorobenzene	10.905	180	134218	49.688	ng	96
31) Naphthalene	11.093	128	386042	46.838	ng	100
32) Benzoic acid	10.329	122	92707	53.981	ng	88
33) 4-Chloroaniline	11.187	127	38338	11.968	ng	94
34) Hexachlorobutadiene	11.387	225	98774	46.757	ng	93
35) Caprolactam	11.945	113	42279m	46.366	ng	
36) 4-Chloro-3-methylphenol	12.291	107	148655	52.019	ng	98
37) 2-Methylnaphthalene	12.685	142	266634	44.063	ng	97
38) 1-Methylnaphthalene	12.902	142	275473	45.986	ng	95
40) 1,2,4,5-Tetrachloroben...	13.049	216	207424	52.684	ng	99
41) Hexachlorocyclopentadiene	13.038	237	230204	129.902	ng	99
43) 2,4,6-Trichlorophenol	13.278	196	125481	55.718	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.349	196	136347	52.464	ng		97
46) 1,1'-Biphenyl	13.684	154	447397	53.643	ng		97
47) 2-Chloronaphthalene	13.725	162	301356	47.869	ng		99
48) 2-Nitroaniline	13.907	65	107185	50.534	ng		93
49) Acenaphthylene	14.565	152	546371	55.022	ng		99
50) Dimethylphthalate	14.289	163	424454	47.283	ng		99
51) 2,6-Dinitrotoluene	14.401	165	80048	53.641	ng		96
52) Acenaphthene	14.906	154	351365	51.791	ng		99
53) 3-Nitroaniline	14.724	138	39155	25.380	ng		96
54) 2,4-Dinitrophenol	14.929	184	92602	100.359	ng	#	35
55) Dibenzofuran	15.235	168	526094	47.966	ng		98
56) 4-Nitrophenol	15.018	139	149211	104.320	ng		94
57) 2,4-Dinitrotoluene	15.182	165	120666	52.391	ng	#	94
58) Fluorene	15.881	166	407837	47.612	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.452	232	139208	56.015	ng		97
60) Diethylphthalate	15.646	149	423302	46.182	ng		99
61) 4-Chlorophenyl-phenyle...	15.870	204	228634	47.562	ng		96
62) 4-Nitroaniline	15.881	138	85384	49.749	ng		98
63) Azobenzene	16.163	77	440936	52.430	ng		100
65) 4,6-Dinitro-2-methylph...	15.940	198	64263	53.079	ng		93
66) n-Nitrosodiphenylamine	16.081	169	379581	51.695	ng		99
67) 4-Bromophenyl-phenylether	16.763	248	162551	50.463	ng		97
68) Hexachlorobenzene	16.886	284	185323	50.430	ng		95
69) Atrazine	17.021	200	161519	51.116	ng		98
70) Pentachlorophenol	17.221	266	249438	108.849	ng		93
71) Phenanthrene	17.620	178	725118	48.780	ng		99
72) Anthracene	17.714	178	745259	49.286	ng		99
73) Carbazole	17.967	167	650274	48.768	ng		99
74) Di-n-butylphthalate	18.531	149	740089	47.998	ng		99
75) Fluoranthene	19.612	202	877404	47.117	ng		99
77) Benzidine	19.777	184	228291	35.143	ng		100
78) Pyrene	19.977	202	904515	47.747	ng		99
80) Butylbenzylphthalate	20.852	149	314322	54.898	ng		96
81) Benzo(a)anthracene	21.833	228	956214	49.737	ng		99
82) 3,3'-Dichlorobenzidine	21.733	252	130460	20.321	ng		100
83) Chrysene	21.904	228	889476	48.623	ng		97
84) Bis(2-ethylhexyl)phtha...	21.739	149	453464	53.004	ng		99
85) Di-n-octyl phthalate	23.002	149	765712	53.085	ng		99
87) Indeno(1,2,3-cd)pyrene	29.031	276	1150312	49.194	ng	#	97
88) Benzo(b)fluoranthene	24.136	252	932476	47.840	ng		99
89) Benzo(k)fluoranthene	24.207	252	985011	50.501	ng		99
90) Benzo(a)pyrene	25.041	252	920268	51.363	ng		99
91) Dibenzo(a,h)anthracene	29.101	278	934270	49.179	ng		98
92) Benzo(g,h,i)perylene	30.229	276	914173	50.374	ng		98

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

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