Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
Data File : BG064573.D
Acq On : 24 Oct 2025 13:03
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 03 18:00:56 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 17:56:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/27/2025
Supervised By :mohammad ahmed 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	40195	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	164795	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	130542	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	313311	20.000	ng	0.00
76) Chrysene-d12	21.860	240	332834	20.000	ng	0.00
86) Perylene-d12	25.197	264	350897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	207807	86.778	ng	0.00
7) Phenol-d6	7.353	99	284694	86.638	ng	0.00
23) Nitrobenzene-d5	9.386	82	248341	90.513	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	165976	88.092	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	722477	83.888	ng	0.00
79) Terphenyl-d14	20.174	244	1521028	86.242	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	42215	39.818	ng	100
3) Pyridine	3.998	79	134153	42.136	ng	100
4) n-Nitrosodimethylamine	3.904	42	72367	42.385	ng	100
6) Aniline	7.530	93	191799	42.894	ng	100
8) 2-Chlorophenol	7.776	128	110414	44.051	ng	100
9) Benzaldehyde	7.342	77	75557	42.117	ng	100
10) Phenol	7.377	94	156259	42.998	ng	100
11) bis(2-Chloroethyl)ether	7.624	93	111183	41.613	ng	100
12) 1,3-Dichlorobenzene	8.111	146	122224	42.367	ng	100
13) 1,4-Dichlorobenzene	8.258	146	123314	42.037	ng	100
14) 1,2-Dichlorobenzene	8.581	146	119228	42.140	ng	100
15) Benzyl Alcohol	8.446	79	114526	42.265	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.740	45	300095	42.819	ng	100
17) 2-Methylphenol	8.652	107	102315	42.405	ng	100
18) Hexachloroethane	9.322	117	43488	42.246	ng	100
19) n-Nitroso-di-n-propyla...	9.028	70	98647	43.438	ng	100
20) 3+4-Methylphenols	8.975	107	146177	43.080	ng	100
22) Acetophenone	9.045	105	192583	42.750	ng	100
24) Nitrobenzene	9.427	77	135107	45.274	ng	100
25) Isophorone	9.956	82	286439	43.507	ng	100
26) 2-Nitrophenol	10.144	139	45134	39.772	ng	100
27) 2,4-Dimethylphenol	10.191	122	110518	45.129	ng	100
28) bis(2-Chloroethoxy)met...	10.438	93	161449	43.070	ng	100
29) 2,4-Dichlorophenol	10.679	162	118669	45.026	ng	100
30) 1,2,4-Trichlorobenzene	10.908	180	128902	43.046	ng	100
31) Naphthalene	11.096	128	388032	42.469	ng	100
32) Benzoic acid	10.309	122	73604m	40.425	ng	
33) 4-Chloroaniline	11.190	127	151231	42.585	ng	100
34) Hexachlorobutadiene	11.390	225	98683	42.139	ng	100
35) Caprolactam	11.948	113	44205	43.731	ng	100
36) 4-Chloro-3-methylphenol	12.289	107	140272	44.278	ng	100
37) 2-Methylnaphthalene	12.688	142	285089	42.499	ng	100
38) 1-Methylnaphthalene	12.906	142	281256	42.362	ng	100
40) 1,2,4,5-Tetrachloroben...	13.052	216	183376	41.856	ng	100
41) Hexachlorocyclopentadiene	13.041	237	84505	42.853	ng	100
43) 2,4,6-Trichlorophenol	13.276	196	110509	44.097	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.346	196	126360	43.694	ng	100
46)	1,1'-Biphenyl	13.681	154	388718	41.885	ng	100
47)	2-Chloronaphthalene	13.728	162	295501	42.182	ng	100
48)	2-Nitroaniline	13.910	65	90958	39.303	ng	100
49)	Acenaphthylene	14.568	152	466393	42.209	ng	100
50)	Dimethylphthalate	14.286	163	428475	42.894	ng	100
51)	2,6-Dinitrotoluene	14.398	165	64452	39.696	ng	100
52)	Acenaphthene	14.909	154	319250	42.289	ng	100
53)	3-Nitroaniline	14.727	138	76841	44.762	ng	100
54)	2,4-Dinitrophenol	14.927	184	35677	38.390	ng	100
55)	Dibenzofuran	15.238	168	512547	41.995	ng	100
56)	4-Nitrophenol	15.009	139	68064	42.765	ng	100
57)	2,4-Dinitrotoluene	15.179	165	100448	39.962	ng	100
58)	Fluorene	15.884	166	399745	41.939	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.456	232	121762	44.030	ng	100
60)	Diethylphthalate	15.649	149	432571	42.412	ng	100
61)	4-Chlorophenyl-phenyle...	15.879	204	226104	42.270	ng	100
62)	4-Nitroaniline	15.884	138	85297	44.662	ng	100
63)	Azobenzene	16.166	77	401676	42.922	ng	100
65)	4,6-Dinitro-2-methylph...	15.943	198	51829	38.770	ng	100
66)	n-Nitrosodiphenylamine	16.084	169	365624	43.201	ng	100
67)	4-Bromophenyl-phenylether	16.766	248	161744	43.563	ng	100
68)	Hexachlorobenzene	16.889	284	183262	43.265	ng	100
69)	Atrazine	17.024	200	153706	42.203	ng	100
70)	Pentachlorophenol	17.224	266	112769	42.694	ng	100
71)	Phenanthrene	17.624	178	728184	42.500	ng	100
72)	Anthracene	17.712	178	743567	42.663	ng	100
73)	Carbazole	17.970	167	646319	42.053	ng	100
74)	Di-n-butylphthalate	18.534	149	776847	43.711	ng	100
75)	Fluoranthene	19.615	202	902557	42.050	ng	100
77)	Benzidine	19.780	184	325845	43.697	ng	100
78)	Pyrene	19.974	202	939110	43.186	ng	100
80)	Butylbenzylphthalate	20.855	149	299706	45.601	ng	100
81)	Benzo(a)anthracene	21.836	228	942839	42.723	ng	100
82)	3,3'-Dichlorobenzidine	21.742	252	317851	43.131	ng	100
83)	Chrysene	21.907	228	894813	42.613	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.748	149	446785	45.494	ng	100
85)	Di-n-octyl phthalate	23.011	149	723360	43.688	ng	100
87)	Indeno(1,2,3-cd)pyrene	29.040	276	1100259	42.624	ng	100
88)	Benzo(b)fluoranthene	24.139	252	927550	43.108	ng	100
89)	Benzo(k)fluoranthene	24.210	252	901706	41.878	ng	100
90)	Benzo(a)pyrene	25.044	252	843258	42.635	ng	100
91)	Dibenzo(a,h)anthracene	29.110	278	889808	42.430	ng	100
92)	Benzo(g,h,i)perylene	30.232	276	851248	42.492	ng	100

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

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