Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
Data File : BG064811.D
Acq On : 19 Nov 2025 11:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 12:08:33 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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.166	152	48159	20.000	ng	0.00
21) Naphthalene-d8	10.986	136	194541	20.000	ng	# 0.00
39) Acenaphthene-d10	14.776	164	157234	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	384051	20.000	ng	0.00
76) Chrysene-d12	21.756	240	427526	20.000	ng	0.00
86) Perylene-d12	25.017	264	428046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	217602	78.901	ng	0.00
7) Phenol-d6	7.314	99	300304	81.868	ng	0.00
23) Nitrobenzene-d5	9.330	82	318062	80.836	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	242802	79.178	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	887631	78.771	ng	0.00
79) Terphenyl-d14	20.088	244	1850943	85.164	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	41436	38.809	ng	99
3) Pyridine	3.942	79	123479	38.815	ng	94
4) n-Nitrosodimethylamine	3.848	42	59711	36.878	ng	89
6) Aniline	7.479	93	204295	41.784	ng	99
8) 2-Chlorophenol	7.726	128	130073	42.953	ng	94
9) Benzaldehyde	7.291	77	95912	39.944	ng	96
10) Phenol	7.338	94	165749	41.530	ng	97
11) bis(2-Chloroethyl)ether	7.573	93	122047	42.974	ng	97
12) 1,3-Dichlorobenzene	8.055	146	140068	40.197	ng	94
13) 1,4-Dichlorobenzene	8.202	146	144056	40.600	ng	95
14) 1,2-Dichlorobenzene	8.525	146	139918	40.669	ng	98
15) Benzyl Alcohol	8.395	79	125945	41.830	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.689	45	262574	39.061	ng	96
17) 2-Methylphenol	8.601	107	115515	40.905	ng	99
18) Hexachloroethane	9.259	117	54068	40.233	ng	95
19) n-Nitroso-di-n-propyla...	8.971	70	106358	42.883	ng	93
20) 3+4-Methylphenols	8.930	107	161102	41.643	ng	94
22) Acetophenone	8.989	105	219061	41.331	ng	99
24) Nitrobenzene	9.371	77	163661	41.166	ng	96
25) Isophorone	9.900	82	310918	41.495	ng	97
26) 2-Nitrophenol	10.088	139	78282	43.777	ng	96
27) 2,4-Dimethylphenol	10.140	122	132294	41.643	ng	98
28) bis(2-Chloroethoxy)met...	10.370	93	174035	42.308	ng	99
29) 2,4-Dichlorophenol	10.622	162	146165	42.854	ng	98
30) 1,2,4-Trichlorobenzene	10.845	180	165663	40.223	ng	99
31) Naphthalene	11.034	128	441319	40.018	ng	99
32) Benzoic acid	10.276	122	84739m	39.044	ng	
33) 4-Chloroaniline	11.133	127	181623	41.170	ng	96
34) Hexachlorobutadiene	11.321	225	138699	39.249	ng	99
35) Caprolactam	11.903	113	43060	42.209	ng	93
36) 4-Chloro-3-methylphenol	12.238	107	158442	41.736	ng	97
37) 2-Methylnaphthalene	12.626	142	328447	39.799	ng	98
38) 1-Methylnaphthalene	12.843	142	329193	40.156	ng	99
40) 1,2,4,5-Tetrachloroben...	12.990	216	239451	39.132	ng	99
41) Hexachlorocyclopentadiene	12.972	237	162720	37.100	ng	96
43) 2,4,6-Trichlorophenol	13.219	196	147812	41.157	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.290	196	166905	41.436	ng		97
46)	1,1'-Biphenyl	13.619	154	450268	39.871	ng		97
47)	2-Chloronaphthalene	13.666	162	355661	39.975	ng		98
48)	2-Nitroaniline	13.854	65	118289	41.336	ng		97
49)	Acenaphthylene	14.500	152	608436	40.029	ng		98
50)	Dimethylphthalate	14.218	163	495732	39.913	ng		99
51)	2,6-Dinitrotoluene	14.336	165	100046	41.860	ng		97
52)	Acenaphthene	14.841	154	374328	41.074	ng		99
53)	3-Nitroaniline	14.670	138	99794	42.306	ng		90
54)	2,4-Dinitrophenol	14.870	184	62119	42.456	ng		94
55)	Dibenzofuran	15.170	168	590109	39.166	ng		99
56)	4-Nitrophenol	14.964	139	78393	41.887	ng		94
57)	2,4-Dinitrotoluene	15.123	165	151579	42.304	ng		97
58)	Fluorene	15.816	166	459896	38.918	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.387	232	168138	42.307	ng		97
60)	Diethylphthalate	15.575	149	480039	40.345	ng		99
61)	4-Chlorophenyl-phenyle...	15.804	204	276154	38.940	ng		99
62)	4-Nitroaniline	15.822	138	103430	42.325	ng		93
63)	Azobenzene	16.092	77	393889	39.801	ng		97
65)	4,6-Dinitro-2-methylph...	15.881	198	96889	45.438	ng		95
66)	n-Nitrosodiphenylamine	16.010	169	414025	41.157	ng		99
67)	4-Bromophenyl-phenylether	16.692	248	207700	41.182	ng		97
68)	Hexachlorobenzene	16.815	284	246273	40.304	ng		94
69)	Atrazine	16.950	200	193884	39.976	ng		98
70)	Pentachlorophenol	17.156	266	148940	44.170	ng		99
71)	Phenanthrene	17.549	178	832542	39.621	ng		99
72)	Anthracene	17.638	178	851182	39.726	ng		100
73)	Carbazole	17.902	167	721842	39.190	ng		100
74)	Di-n-butylphthalate	18.448	149	841249	40.938	ng		99
75)	Fluoranthene	19.541	202	1050670	36.566	ng		99
77)	Benzidine	19.706	184	482668	37.697	ng		99
78)	Pyrene	19.900	202	1079907	45.069	ng		98
80)	Butylbenzylphthalate	20.769	149	370301	43.937	ng		95
81)	Benzo(a)anthracene	21.733	228	1133873	39.005	ng		99
82)	3,3'-Dichlorobenzidine	21.645	252	400253	37.407	ng		99
83)	Chrysene	21.803	228	1073220	39.159	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.633	149	521551	42.349	ng		100
85)	Di-n-octyl phthalate	22.855	149	868862	40.814	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.748	276	1179458	40.106	ng	#	95
88)	Benzo(b)fluoranthene	23.983	252	1068128	39.211	ng		99
89)	Benzo(k)fluoranthene	24.048	252	1081685	39.525	ng		98
90)	Benzo(a)pyrene	24.864	252	999760	39.565	ng	#	98
91)	Dibenzo(a,h)anthracene	28.813	278	970273	40.274	ng		95
92)	Benzo(g,h,i)perylene	29.923	276	925709	39.925	ng		98

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

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