Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
Data File : BG064917.D
Acq On : 10 Dec 2025 11:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 12:04:52 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 12/11/2025
Supervised By :Sohil Jodhani 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.151	152	21009	20.000	ng		-0.02
21) Naphthalene-d8	10.972	136	80484	20.000	ng		#-0.02
39) Acenaphthene-d10	14.767	164	69930	20.000	ng		-0.01
64) Phenanthrene-d10	17.499	188	188426	20.000	ng		# 0.00
76) Chrysene-d12	21.753	240	235571	20.000	ng		# 0.00
86) Perylene-d12	25.002	264	260207	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.690	112	91850	76.343	ng		0.00
7) Phenol-d6	7.299	99	119885	74.919	ng		-0.01
23) Nitrobenzene-d5	9.315	82	136422	83.807	ng		-0.02
42) 2,4,6-Tribromophenol	16.242	330	146424	107.361	ng		-0.01
45) 2-Fluorobiphenyl	13.398	172	436069	87.011	ng		0.00
79) Terphenyl-d14	20.084	244	1145123	95.621	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	15516	33.313	ng		97
3) Pyridine	3.927	79	47566	34.275	ng		97
4) n-Nitrosodimethylamine	3.839	42	27560	39.018	ng	#	89
6) Aniline	7.470	93	82612	38.732	ng		98
8) 2-Chlorophenol	7.717	128	53923	40.818	ng		94
9) Benzaldehyde	7.282	77	34576	33.008	ng		99
10) Phenol	7.329	94	65690	37.730	ng		96
11) bis(2-Chloroethyl)ether	7.558	93	44896	36.238	ng		96
12) 1,3-Dichlorobenzene	8.046	146	62272	40.965	ng		97
13) 1,4-Dichlorobenzene	8.192	146	63621	41.102	ng		95
14) 1,2-Dichlorobenzene	8.516	146	60714	40.453	ng		98
15) Benzyl Alcohol	8.386	79	52149	39.703	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.674	45	93052	31.731	ng		99
17) 2-Methylphenol	8.592	107	48451	39.329	ng		98
18) Hexachloroethane	9.250	117	22912	39.082	ng		92
19) n-Nitroso-di-n-propyla...	8.956	70	41844	38.674	ng		97
20) 3+4-Methylphenols	8.921	107	65133	38.593	ng		93
22) Acetophenone	8.974	105	91347	41.659	ng	#	94
24) Nitrobenzene	9.362	77	69544	42.282	ng		99
25) Isophorone	9.885	82	122453	39.502	ng		100
26) 2-Nitrophenol	10.073	139	34027	45.994	ng		93
27) 2,4-Dimethylphenol	10.126	122	56041	42.639	ng		97
28) bis(2-Chloroethoxy)met...	10.361	93	65758	38.640	ng		99
29) 2,4-Dichlorophenol	10.613	162	66206	46.919	ng		95
30) 1,2,4-Trichlorobenzene	10.831	180	79488	46.650	ng		97
31) Naphthalene	11.024	128	192724	42.241	ng		99
32) Benzoic acid	10.249	122	37644m	41.491	ng		
33) 4-Chloroaniline	11.118	127	78432	42.974	ng		99
34) Hexachlorobutadiene	11.312	225	74902	51.234	ng		96
35) Caprolactam	11.882	113	18698	44.303	ng	#	83
36) 4-Chloro-3-methylphenol	12.229	107	67809	43.174	ng		94
37) 2-Methylnaphthalene	12.617	142	147208	43.116	ng		98
38) 1-Methylnaphthalene	12.834	142	146065	43.068	ng		93
40) 1,2,4,5-Tetrachloroben...	12.981	216	125017	45.937	ng		98
41) Hexachlorocyclopentadiene	12.963	237	91253	46.780	ng		100
43) 2,4,6-Trichlorophenol	13.210	196	73681	46.129	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.281	196	84144	46.970	ng		97
46)	1,1'-Biphenyl	13.610	154	209981	41.807	ng		96
47)	2-Chloronaphthalene	13.651	162	166021	41.957	ng		98
48)	2-Nitroaniline	13.845	65	50735	39.864	ng		97
49)	Acenaphthylene	14.491	152	277204	41.006	ng		97
50)	Dimethylphthalate	14.209	163	242399	43.881	ng		99
51)	2,6-Dinitrotoluene	14.332	165	48717	45.832	ng		92
52)	Acenaphthene	14.832	154	177340	43.753	ng		94
53)	3-Nitroaniline	14.655	138	44893	42.792	ng		84
54)	2,4-Dinitrophenol	14.861	184	31729	47.484	ng		90
55)	Dibenzofuran	15.161	168	287791	42.948	ng		99
56)	4-Nitrophenol	14.955	139	32545	39.099	ng	#	82
57)	2,4-Dinitrotoluene	15.114	165	74489	46.743	ng		100
58)	Fluorene	15.807	166	227545	43.296	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.384	232	89915	50.870	ng		93
60)	Diethylphthalate	15.566	149	236193	44.634	ng		98
61)	4-Chlorophenyl-phenyle...	15.795	204	151516	48.038	ng		97
62)	4-Nitroaniline	15.813	138	46729	42.995	ng		87
63)	Azobenzene	16.083	77	169768	38.571	ng		91
65)	4,6-Dinitro-2-methylph...	15.872	198	52671	50.346	ng		93
66)	n-Nitrosodiphenylamine	16.007	169	201726	40.872	ng		99
67)	4-Bromophenyl-phenylether	16.683	248	116061	46.904	ng		95
68)	Hexachlorobenzene	16.812	284	144024	48.041	ng	#	92
69)	Atrazine	16.941	200	104155	43.770	ng		98
70)	Pentachlorophenol	17.147	266	81427	48.517	ng		94
71)	Phenanthrene	17.540	178	427322	41.450	ng		99
72)	Anthracene	17.628	178	437325	41.601	ng		98
73)	Carbazole	17.893	167	355896	39.382	ng		98
74)	Di-n-butylphthalate	18.439	149	410725	40.738	ng		100
75)	Fluoranthene	19.538	202	578124	41.009	ng		97
77)	Benzidine	19.703	184	280329	39.735	ng		99
78)	Pyrene	19.896	202	589884	44.679	ng		99
80)	Butylbenzylphthalate	20.760	149	174784	37.637	ng		95
81)	Benzo(a)anthracene	21.730	228	658184	41.090	ng		99
82)	3,3'-Dichlorobenzidine	21.636	252	246739	41.851	ng	#	96
83)	Chrysene	21.800	228	620283	41.075	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.624	149	250084	36.853	ng		99
85)	Di-n-octyl phthalate	22.846	149	417500	35.592	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.739	276	821402	45.947	ng		99
88)	Benzo(b)fluoranthene	23.974	252	656613	39.653	ng	#	98
89)	Benzo(k)fluoranthene	24.044	252	684236	41.129	ng	#	95
90)	Benzo(a)pyrene	24.861	252	630300	41.033	ng	#	97
91)	Dibenzo(a,h)anthracene	28.798	278	669109	45.688	ng	#	95
92)	Benzo(g,h,i)perylene	29.902	276	657649	46.659	ng	#	97

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

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