Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
Data File : BG064931.D
Acq On : 11 Dec 2025 12:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 13:06:00 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 :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.154	152	23755	20.000	ng		-0.01
21) Naphthalene-d8	10.974	136	94835	20.000	ng		#-0.01
39) Acenaphthene-d10	14.770	164	86870	20.000	ng		0.00
64) Phenanthrene-d10	17.502	188	224776	20.000	ng		# 0.00
76) Chrysene-d12	21.750	240	246322	20.000	ng		# 0.00
86) Perylene-d12	25.005	264	270593	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.692	112	101901	74.907	ng		0.00
7) Phenol-d6	7.302	99	140773	77.803	ng		0.00
23) Nitrobenzene-d5	9.317	82	153339	79.944	ng		-0.01
42) 2,4,6-Tribromophenol	16.244	330	182975	107.999	ng		0.00
45) 2-Fluorobiphenyl	13.401	172	533165	85.639	ng		0.00
79) Terphenyl-d14	20.087	244	1246234	99.522	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.518	88	17037	32.350	ng		95
3) Pyridine	3.929	79	52802	33.650	ng		98
4) n-Nitrosodimethylamine	3.835	42	31288	39.176	ng		89
6) Aniline	7.472	93	91033	37.746	ng		98
8) 2-Chlorophenol	7.713	128	63231	42.331	ng		91
9) Benzaldehyde	7.278	77	39301	33.182	ng		93
10) Phenol	7.331	94	75147	38.172	ng		92
11) bis(2-Chloroethyl)ether	7.560	93	50459	36.020	ng		92
12) 1,3-Dichlorobenzene	8.042	146	69540	40.458	ng		98
13) 1,4-Dichlorobenzene	8.189	146	70500	40.281	ng		95
14) 1,2-Dichlorobenzene	8.512	146	70116	41.317	ng		99
15) Benzyl Alcohol	8.389	79	63698	42.890	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.677	45	102337	30.863	ng		95
17) 2-Methylphenol	8.595	107	56309	40.424	ng		93
18) Hexachloroethane	9.253	117	27527	41.526	ng	#	82
19) n-Nitroso-di-n-propyla...	8.959	70	49167	40.189	ng		97
20) 3+4-Methylphenols	8.924	107	78477	41.125	ng		94
22) Acetophenone	8.976	105	107244	41.508	ng	#	98
24) Nitrobenzene	9.364	77	76633	39.541	ng		97
25) Isophorone	9.887	82	144428	39.541	ng		97
26) 2-Nitrophenol	10.075	139	41700	47.836	ng	#	93
27) 2,4-Dimethylphenol	10.128	122	65964	42.594	ng		97
28) bis(2-Chloroethoxy)met...	10.363	93	76823	38.311	ng	#	98
29) 2,4-Dichlorophenol	10.616	162	77777	46.778	ng		97
30) 1,2,4-Trichlorobenzene	10.833	180	92387	46.016	ng		92
31) Naphthalene	11.021	128	220314	40.981	ng		99
32) Benzoic acid	10.263	122	43026m	40.423	ng		
33) 4-Chloroaniline	11.121	127	93206	43.341	ng		98
34) Hexachlorobutadiene	11.309	225	88286	51.250	ng		97
35) Caprolactam	11.897	113	21972	44.182	ng	#	83
36) 4-Chloro-3-methylphenol	12.231	107	80924	43.728	ng		90
37) 2-Methylnaphthalene	12.613	142	174249	43.313	ng		98
38) 1-Methylnaphthalene	12.831	142	171145	42.826	ng		97
40) 1,2,4,5-Tetrachloroben...	12.978	216	153950	45.538	ng		98
41) Hexachlorocyclopentadiene	12.960	237	112068	46.248	ng		97
43) 2,4,6-Trichlorophenol	13.213	196	91881	46.306	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.283	196	102875	46.227	ng		96
46) 1,1'-Biphenyl	13.606	154	253620	40.649	ng		99
47) 2-Chloronaphthalene	13.653	162	205283	41.762	ng		99
48) 2-Nitroaniline	13.847	65	59648	37.728	ng		94
49) Acenaphthylene	14.494	152	336516	40.073	ng		99
50) Dimethylphthalate	14.211	163	294787	42.958	ng		98
51) 2,6-Dinitrotoluene	14.329	165	59385	44.973	ng		98
52) Acenaphthene	14.834	154	217758	43.248	ng		99
53) 3-Nitroaniline	14.664	138	53354	40.939	ng		86
54) 2,4-Dinitrophenol	14.864	184	36845	44.948	ng		90
55) Dibenzofuran	15.163	168	354950	42.641	ng		99
56) 4-Nitrophenol	14.964	139	42386	40.992	ng		91
57) 2,4-Dinitrotoluene	15.116	165	89457	45.189	ng	#	97
58) Fluorene	15.810	166	275170	42.147	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.387	232	115031	52.389	ng		92
60) Diethylphthalate	15.569	149	283853	43.180	ng		98
61) 4-Chlorophenyl-phenyle...	15.798	204	186182	47.518	ng		99
62) 4-Nitroaniline	15.815	138	56617	41.934	ng		91
63) Azobenzene	16.086	77	203351	37.191	ng		90
65) 4,6-Dinitro-2-methylph...	15.874	198	62204	49.843	ng		89
66) n-Nitrosodiphenylamine	16.003	169	249911	42.447	ng		98
67) 4-Bromophenyl-phenylether	16.685	248	147029	49.810	ng		96
68) Hexachlorobenzene	16.814	284	174774	48.870	ng		94
69) Atrazine	16.944	200	123539	43.521	ng		99
70) Pentachlorophenol	17.149	266	99290	49.457	ng		97
71) Phenanthrene	17.543	178	496156	40.344	ng		99
72) Anthracene	17.631	178	507081	40.436	ng		100
73) Carbazole	17.895	167	404054	37.481	ng		99
74) Di-n-butylphthalate	18.442	149	473982	39.409	ng		99
75) Fluoranthene	19.535	202	634296	37.717	ng		98
77) Benzidine	19.705	184	315307	42.742	ng		97
78) Pyrene	19.899	202	634356	45.950	ng		98
80) Butylbenzylphthalate	20.763	149	186452	38.397	ng		93
81) Benzo(a)anthracene	21.732	228	686371	40.980	ng		99
82) 3,3'-Dichlorobenzidine	21.638	252	259884	42.156	ng	#	98
83) Chrysene	21.797	228	645069	40.852	ng		99
84) Bis(2-ethylhexyl)phtha...	21.626	149	263956	37.200	ng	#	99
85) Di-n-octyl phthalate	22.843	149	437214	35.646	ng		99
87) Indeno(1,2,3-cd)pyrene	28.747	276	879847	47.327	ng		100
88) Benzo(b)fluoranthene	23.977	252	689205	40.023	ng	#	98
89) Benzo(k)fluoranthene	24.041	252	696616	40.266	ng	#	98
90) Benzo(a)pyrene	24.858	252	649263	40.645	ng	#	98
91) Dibenzo(a,h)anthracene	28.806	278	725847	47.660	ng	#	94
92) Benzo(g,h,i)perylene	29.911	276	703854	48.021	ng	#	97

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

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