Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
Data File : BG064514.D
Acq On : 16 Oct 2025 13:31
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 16 16:25:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/17/2025
Supervised By :Jagrut Upadhyay 10/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	21606	20.000	ng		0.00
21) Naphthalene-d8	10.608	136	96267	20.000	ng	#	0.00
39) Acenaphthene-d10	14.450	164	72360	20.000	ng		0.00
64) Phenanthrene-d10	17.188	188	175158	20.000	ng		0.00
76) Chrysene-d12	21.419	240	184410	20.000	ng		0.00
86) Perylene-d12	24.398	264	198549	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	107424	92.015	ng		0.00
7) Phenol-d6	7.000	99	144460	92.079	ng		0.01
23) Nitrobenzene-d5	8.974	82	160131	89.441	ng		0.00
42) 2,4,6-Tribromophenol	15.943	330	109838	83.742	ng		0.00
45) 2-Fluorobiphenyl	13.070	172	425825	86.742	ng		0.00
79) Terphenyl-d14	19.809	244	817215	83.866	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	17797	38.540	ng		92
3) Pyridine	3.716	79	49449	39.844	ng		96
4) n-Nitrosodimethylamine	3.634	42	38716	43.033	ng	#	92
6) Aniline	7.153	93	90703	45.833	ng		95
8) 2-Chlorophenol	7.388	128	64187	44.774	ng		96
9) Benzaldehyde	6.959	77	59534	42.748	ng		97
10) Phenol	7.030	94	74595	45.072	ng		93
11) bis(2-Chloroethyl)ether	7.247	93	51066	45.562	ng		94
12) 1,3-Dichlorobenzene	7.711	146	68439	43.641	ng		94
13) 1,4-Dichlorobenzene	7.852	146	69715	44.294	ng		95
14) 1,2-Dichlorobenzene	8.170	146	69676	44.917	ng		98
15) Benzyl Alcohol	8.058	79	65983	45.669	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.340	45	79275	43.880	ng		98
17) 2-Methylphenol	8.269	107	55142	46.012	ng		95
18) Hexachloroethane	8.892	117	27910	44.925	ng		93
19) n-Nitroso-di-n-propyla...	8.628	70	49133	46.827	ng	#	97
20) 3+4-Methylphenols	8.593	107	76800	45.923	ng		94
22) Acetophenone	8.640	105	104344	44.766	ng		98
24) Nitrobenzene	9.016	77	78282	43.847	ng		98
25) Isophorone	9.539	82	137019	42.246	ng		98
26) 2-Nitrophenol	9.727	139	38979	43.867	ng		91
27) 2,4-Dimethylphenol	9.791	122	58896	43.396	ng		92
28) bis(2-Chloroethoxy)met...	10.020	93	72341	43.756	ng		94
29) 2,4-Dichlorophenol	10.261	162	72728	46.341	ng		96
30) 1,2,4-Trichlorobenzene	10.473	180	74431	43.496	ng		99
31) Naphthalene	10.655	128	220148	44.409	ng		96
32) Benzoic acid	9.967	122	49944m	47.931	ng		
33) 4-Chloroaniline	10.766	127	82322	43.276	ng		97
34) Hexachlorobutadiene	10.949	225	64557	44.051	ng		99
35) Caprolactam	11.560	113	21777	40.532	ng		98
36) 4-Chloro-3-methylphenol	11.900	107	82080	43.006	ng		100
37) 2-Methylnaphthalene	12.265	142	162985	42.831	ng		98
38) 1-Methylnaphthalene	12.488	142	159908	42.143	ng		99
40) 1,2,4,5-Tetrachloroben...	12.641	216	103044	44.104	ng		99
41) Hexachlorocyclopentadiene	12.617	237	63191	51.705	ng		99
43) 2,4,6-Trichlorophenol	12.882	196	68510	45.871	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.958	196	72818	43.671	ng		98
46) 1,1'-Biphenyl	13.281	154	226418	43.505	ng		99
47) 2-Chloronaphthalene	13.322	162	168834	43.450	ng		100
48) 2-Nitroaniline	13.528	65	56340	42.483	ng		90
49) Acenaphthylene	14.168	152	247217	42.859	ng		98
50) Dimethylphthalate	13.910	163	234159	41.318	ng	#	98
51) 2,6-Dinitrotoluene	14.027	165	49683	42.084	ng		94
52) Acenaphthene	14.515	154	173488	43.292	ng		97
53) 3-Nitroaniline	14.356	138	46425	42.640	ng		92
54) 2,4-Dinitrophenol	14.568	184	33438	39.061	ng		89
55) Dibenzofuran	14.850	168	276502	41.788	ng		99
56) 4-Nitrophenol	14.674	139	37034	43.203	ng		91
57) 2,4-Dinitrotoluene	14.815	165	76138	42.189	ng		97
58) Fluorene	15.496	166	233644	42.474	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.079	232	74897	44.013	ng	#	96
60) Diethylphthalate	15.273	149	250665	41.231	ng		97
61) 4-Chlorophenyl-phenyle...	15.490	204	127256	42.374	ng		96
62) 4-Nitroaniline	15.526	138	50041	44.098	ng	#	81
63) Azobenzene	15.784	77	195545	41.531	ng		98
65) 4,6-Dinitro-2-methylph...	15.578	198	54280	44.507	ng		96
66) n-Nitrosodiphenylamine	15.708	169	198155	42.364	ng		96
67) 4-Bromophenyl-phenylether	16.383	248	89631	43.485	ng		94
68) Hexachlorobenzene	16.501	284	103041	43.687	ng		97
69) Atrazine	16.660	200	86579	41.604	ng		98
70) Pentachlorophenol	16.848	266	65880	47.772	ng		96
71) Phenanthrene	17.235	178	387096	42.260	ng		99
72) Anthracene	17.323	178	390599	42.506	ng		98
73) Carbazole	17.594	167	338700	42.641	ng		99
74) Di-n-butylphthalate	18.158	149	403119	41.574	ng		99
75) Fluoranthene	19.245	202	467119	42.686	ng		99
77) Benzidine	19.427	184	206115	44.917	ng		99
78) Pyrene	19.603	202	490239	40.964	ng		99
80) Butylbenzylphthalate	20.502	149	177807	41.912	ng		95
81) Benzo(a)anthracene	21.395	228	500142	42.476	ng		97
82) 3,3'-Dichlorobenzidine	21.325	252	174276	43.730	ng	#	98
83) Chrysene	21.460	228	469003	42.000	ng		98
84) Bis(2-ethylhexyl)phtha...	21.319	149	256800	42.901	ng		97
85) Di-n-octyl phthalate	22.447	149	434249	43.165	ng		100
87) Indeno(1,2,3-cd)pyrene	27.758	276	587883	42.538	ng	#	93
88) Benzo(b)fluoranthene	23.463	252	498597	44.141	ng		99
89) Benzo(k)fluoranthene	23.522	252	478123	42.028	ng		98
90) Benzo(a)pyrene	24.262	252	449011	43.131	ng		99
91) Dibenzo(a,h)anthracene	27.817	278	475654	43.037	ng		98
92) Benzo(g,h,i)perylene	28.810	276	455889	42.446	ng		95

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

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