Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090925\
Data File : BG064317.D
Acq On : 9 Sep 2025 10:17
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 09 11:35:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.848	152	24310	20.000	ng		-0.01
21) Naphthalene-d8	10.638	136	111361	20.000	ng		#-0.01
39) Acenaphthene-d10	14.475	164	83484	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	196177	20.000	ng		# 0.00
76) Chrysene-d12	21.449	240	198741	20.000	ng		# 0.00
86) Perylene-d12	24.463	264	222515	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	119785	88.402	ng		0.00
7) Phenol-d6	7.019	99	169554	91.083	ng		-0.01
23) Nitrobenzene-d5	9.005	82	192138	96.224	ng		-0.01
42) 2,4,6-Tribromophenol	15.967	330	120545	109.013	ng		0.00
45) 2-Fluorobiphenyl	13.100	172	497786	91.011	ng		-0.01
79) Terphenyl-d14	19.839	244	895415	93.999	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	22727	40.240	ng		87
3) Pyridine	3.746	79	66713	40.128	ng	#	61
4) n-Nitrosodimethylamine	3.658	42	49066	44.620	ng	#	89
6) Aniline	7.178	93	111692	43.388	ng		94
8) 2-Chlorophenol	7.419	128	77868	47.028	ng		96
9) Benzaldehyde	6.990	77	60944	39.782	ng		99
10) Phenol	7.048	94	90181	43.940	ng		87
11) bis(2-Chloroethyl)ether	7.278	93	62681	40.643	ng		95
12) 1,3-Dichlorobenzene	7.742	146	81356	46.185	ng		96
13) 1,4-Dichlorobenzene	7.883	146	84012	47.257	ng		93
14) 1,2-Dichlorobenzene	8.200	146	80393	46.855	ng		98
15) Benzyl Alcohol	8.088	79	79963	46.548	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.370	45	121662	34.552	ng		96
17) 2-Methylphenol	8.294	107	66818	43.683	ng		93
18) Hexachloroethane	8.929	117	32135	46.307	ng	#	81
19) n-Nitroso-di-n-propyla...	8.658	70	60025	42.132	ng	#	98
20) 3+4-Methylphenols	8.623	107	92420	43.484	ng		97
22) Acetophenone	8.670	105	124544	44.207	ng	#	99
24) Nitrobenzene	9.046	77	95471	45.762	ng		98
25) Isophorone	9.569	82	177029	42.658	ng		99
26) 2-Nitrophenol	9.751	139	45337	50.293	ng	#	81
27) 2,4-Dimethylphenol	9.816	122	73585	46.494	ng		99
28) bis(2-Chloroethoxy)met...	10.051	93	93876	41.952	ng		98
29) 2,4-Dichlorophenol	10.292	162	82600	49.463	ng		95
30) 1,2,4-Trichlorobenzene	10.503	180	85766	48.710	ng		97
31) Naphthalene	10.691	128	261093	45.213	ng		97
32) Benzoic acid	9.974	122	56021	44.591	ng		98
33) 4-Chloroaniline	10.797	127	102898	45.975	ng		98
34) Hexachlorobutadiene	10.979	225	70078	53.842	ng		90
35) Caprolactam	11.578	113	27973	43.261	ng	#	89
36) 4-Chloro-3-methylphenol	11.925	107	99981	46.145	ng		92
37) 2-Methylnaphthalene	12.295	142	198515	46.249	ng		96
38) 1-Methylnaphthalene	12.519	142	195073	46.011	ng		93
40) 1,2,4,5-Tetrachloroben...	12.665	216	115130	47.796	ng		99
41) Hexachlorocyclopentadiene	12.654	237	62523	54.614	ng		92
43) 2,4,6-Trichlorophenol	12.906	196	76719	47.652	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.983	196	84974	48.655	ng		92
46) 1,1'-Biphenyl	13.312	154	274209	45.096	ng		96
47) 2-Chloronaphthalene	13.353	162	203872	44.598	ng		96
48) 2-Nitroaniline	13.553	65	72171	46.321	ng		92
49) Acenaphthylene	14.199	152	297092	43.965	ng		97
50) Dimethylphthalate	13.934	163	276739	43.794	ng		99
51) 2,6-Dinitrotoluene	14.052	165	59396	48.553	ng		98
52) Acenaphthene	14.540	154	207662	43.546	ng		98
53) 3-Nitroaniline	14.381	138	60424	47.154	ng		98
54) 2,4-Dinitrophenol	14.587	184	37298	49.020	ng	#	78
55) Dibenzofuran	14.875	168	335609	44.742	ng		99
56) 4-Nitrophenol	14.692	139	47914	45.582	ng	#	80
57) 2,4-Dinitrotoluene	14.839	165	91421	49.425	ng		98
58) Fluorene	15.527	166	278807	45.350	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	83625	49.784	ng		95
60) Diethylphthalate	15.303	149	297798	44.035	ng		98
61) 4-Chlorophenyl-phenyle...	15.521	204	145646	47.515	ng		98
62) 4-Nitroaniline	15.544	138	61248	46.841	ng		91
63) Azobenzene	15.815	77	255483	42.386	ng		96
65) 4,6-Dinitro-2-methylph...	15.603	198	58736	52.149	ng		91
66) n-Nitrosodiphenylamine	15.738	169	239880	44.450	ng		99
67) 4-Bromophenyl-phenylether	16.414	248	98865	47.448	ng		98
68) Hexachlorobenzene	16.531	284	111512	48.193	ng		92
69) Atrazine	16.684	200	106097	47.084	ng		97
70) Pentachlorophenol	16.872	266	72974	52.013	ng		94
71) Phenanthrene	17.260	178	459592	44.418	ng		98
72) Anthracene	17.354	178	467400	44.408	ng		99
73) Carbazole	17.618	167	409074	44.119	ng		99
74) Di-n-butylphthalate	18.188	149	492516	44.213	ng		99
75) Fluoranthene	19.269	202	552423	45.407	ng		97
77) Benzidine	19.452	184	174754	41.799	ng		97
78) Pyrene	19.634	202	568309	45.389	ng		99
80) Butylbenzylphthalate	20.527	149	219983	46.581	ng		95
81) Benzo(a)anthracene	21.432	228	582960	45.850	ng		99
82) 3,3'-Dichlorobenzidine	21.355	252	191453	46.235	ng		96
83) Chrysene	21.496	228	549027	44.978	ng		99
84) Bis(2-ethylhexyl)phtha...	21.355	149	318227	44.882	ng		98
85) Di-n-octyl phthalate	22.495	149	544608	44.083	ng		96
87) Indeno(1,2,3-cd)pyrene	27.853	276	692138	45.548	ng	#	96
88) Benzo(b)fluoranthene	23.512	252	565161m	45.002	ng		
89) Benzo(k)fluoranthene	23.576	252	579944	45.329	ng	#	96
90) Benzo(a)pyrene	24.322	252	529289	45.307	ng	#	97
91) Dibenzo(a,h)anthracene	27.918	278	565085	46.315	ng		97
92) Benzo(g,h,i)perylene	28.923	276	542162	45.667	ng		97

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

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