Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
Data File : BG064547.D
Acq On : 20 Oct 2025 12:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 16:36:23 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 10/21/2025
Supervised By :Jagrut Upadhyay 10/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.817	152	12980	20.000	ng		0.00
21) Naphthalene-d8	10.607	136	58801	20.000	ng	#	0.00
39) Acenaphthene-d10	14.444	164	45965	20.000	ng		0.00
64) Phenanthrene-d10	17.188	188	112639	20.000	ng		0.00
76) Chrysene-d12	21.418	240	113403	20.000	ng		0.00
86) Perylene-d12	24.403	264	125032	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	62014	88.419	ng		0.00
7) Phenol-d6	7.000	99	83578	88.675	ng		0.01
23) Nitrobenzene-d5	8.974	82	94792	86.682	ng		0.00
42) 2,4,6-Tribromophenol	15.942	330	72187	86.640	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	267175	85.677	ng		0.00
79) Terphenyl-d14	19.808	244	514123	85.798	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	9778	35.246	ng		92
3) Pyridine	3.715	79	22435	30.091	ng		90
4) n-Nitrosodimethylamine	3.627	42	22126	40.937	ng	#	84
6) Aniline	7.147	93	53888	45.327	ng		97
8) 2-Chlorophenol	7.388	128	37614	43.674	ng		97
9) Benzaldehyde	6.965	77	36156	43.215	ng		93
10) Phenol	7.029	94	42594	42.839	ng		92
11) bis(2-Chloroethyl)ether	7.247	93	28339	42.087	ng		95
12) 1,3-Dichlorobenzene	7.711	146	41865	44.437	ng		89
13) 1,4-Dichlorobenzene	7.858	146	41670	44.070	ng		93
14) 1,2-Dichlorobenzene	8.169	146	40313	43.259	ng		95
15) Benzyl Alcohol	8.057	79	39179	45.138	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.339	45	40888	37.672	ng		98
17) 2-Methylphenol	8.269	107	32231	44.767	ng		96
18) Hexachloroethane	8.892	117	16062	43.036	ng		89
19) n-Nitroso-di-n-propyla...	8.621	70	28682	45.502	ng	#	91
20) 3+4-Methylphenols	8.598	107	43764	43.559	ng		95
22) Acetophenone	8.639	105	61862	43.451	ng	#	94
24) Nitrobenzene	9.021	77	45681	41.889	ng		97
25) Isophorone	9.538	82	83098	41.946	ng	#	94
26) 2-Nitrophenol	9.726	139	23843	43.930	ng		97
27) 2,4-Dimethylphenol	9.791	122	36645	44.205	ng		97
28) bis(2-Chloroethoxy)met...	10.020	93	42902	42.484	ng		99
29) 2,4-Dichlorophenol	10.267	162	42122	43.940	ng		98
30) 1,2,4-Trichlorobenzene	10.472	180	45818	43.835	ng		97
31) Naphthalene	10.660	128	131618	43.468	ng		97
32) Benzoic acid	9.961	122	26292	41.310	ng		93
33) 4-Chloroaniline	10.766	127	48497	41.738	ng		95
34) Hexachlorobutadiene	10.942	225	39674	44.321	ng		97
35) Caprolactam	11.559	113	13863	42.243	ng		99
36) 4-Chloro-3-methylphenol	11.906	107	50241	43.097	ng		98
37) 2-Methylnaphthalene	12.270	142	98977	42.584	ng		95
38) 1-Methylnaphthalene	12.488	142	97763	42.182	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.640	216	61472	41.420	ng		95
41) Hexachlorocyclopentadiene	12.623	237	34940	45.006	ng		92
43) 2,4,6-Trichlorophenol	12.887	196	43274m	45.612	ng		

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.963	196	44631	42.137	ng		99
46)	1,1'-Biphenyl	13.281	154	137212	41.504	ng		100
47)	2-Chloronaphthalene	13.322	162	104440	42.313	ng		96
48)	2-Nitroaniline	13.528	65	37118	44.061	ng		94
49)	Acenaphthylene	14.168	152	158153	43.163	ng		97
50)	Dimethylphthalate	13.909	163	152000	42.222	ng		98
51)	2,6-Dinitrotoluene	14.027	165	32112	42.820	ng		94
52)	Acenaphthene	14.515	154	106658	41.898	ng		98
53)	3-Nitroaniline	14.362	138	29028	41.972	ng		87
54)	2,4-Dinitrophenol	14.567	184	18483	33.990	ng		92
55)	Dibenzofuran	14.850	168	179871	42.794	ng		100
56)	4-Nitrophenol	14.685	139	20574	37.784	ng		89
57)	2,4-Dinitrotoluene	14.820	165	48459	42.271	ng		96
58)	Fluorene	15.496	166	149180	42.692	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.079	232	46621	43.129	ng		97
60)	Diethylphthalate	15.273	149	164785	42.669	ng		98
61)	4-Chlorophenyl-phenyle...	15.490	204	81170	42.549	ng		97
62)	4-Nitroaniline	15.519	138	31076	43.111	ng		95
63)	Azobenzene	15.784	77	123898	41.425	ng		96
65)	4,6-Dinitro-2-methylph...	15.584	198	32740	41.746	ng		91
66)	n-Nitrosodiphenylamine	15.707	169	127857	42.507	ng		97
67)	4-Bromophenyl-phenylether	16.383	248	57057	43.046	ng		96
68)	Hexachlorobenzene	16.500	284	66733	43.997	ng		98
69)	Atrazine	16.659	200	54086	40.416	ng		97
70)	Pentachlorophenol	16.847	266	37971	42.817	ng		97
71)	Phenanthrene	17.235	178	247916	42.087	ng		99
72)	Anthracene	17.323	178	254501	43.067	ng		98
73)	Carbazole	17.599	167	216198	42.326	ng		98
74)	Di-n-butylphthalate	18.157	149	264589	42.433	ng		99
75)	Fluoranthene	19.244	202	294741	41.884	ng		98
77)	Benzidine	19.432	184	134588	47.695	ng		99
78)	Pyrene	19.609	202	307402	41.769	ng		99
80)	Butylbenzylphthalate	20.502	149	112428	43.094	ng		97
81)	Benzo(a)anthracene	21.401	228	308599	42.619	ng		99
82)	3,3'-Dichlorobenzidine	21.324	252	103237	42.125	ng		98
83)	Chrysene	21.465	228	291852	42.501	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.318	149	160868	43.703	ng		97
85)	Di-n-octyl phthalate	22.446	149	271723	43.922	ng		99
87)	Indeno(1,2,3-cd)pyrene	27.770	276	374535	43.035	ng	#	88
88)	Benzo(b)fluoranthene	23.463	252	304295	42.780	ng		98
89)	Benzo(k)fluoranthene	23.528	252	314452	43.893	ng		99
90)	Benzo(a)pyrene	24.268	252	284628	43.417	ng		99
91)	Dibenzo(a,h)anthracene	27.823	278	301308	43.292	ng	#	97
92)	Benzo(g,h,i)perylene	28.821	276	289782	42.845	ng		97

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

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