Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
Data File : BG064827.D
Acq On : 20 Nov 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 10:36:49 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 11/21/2025
Supervised By :mohammad ahmed 11/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.164	152	51912	20.000	ng		0.00
21) Naphthalene-d8	10.978	136	202532	20.000	ng		0.00
39) Acenaphthene-d10	14.774	164	163596	20.000	ng		0.00
64) Phenanthrene-d10	17.500	188	405608	20.000	ng		0.00
76) Chrysene-d12	21.754	240	486096	20.000	ng		0.00
86) Perylene-d12	25.009	264	485261	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	238464	80.215	ng		0.00
7) Phenol-d6	7.306	99	322730	81.621	ng		0.00
23) Nitrobenzene-d5	9.327	82	334291	81.608	ng		0.00
42) 2,4,6-Tribromophenol	16.248	330	253114	79.330	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	917631	78.267	ng		0.00
79) Terphenyl-d14	20.085	244	2051098	83.002	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	44479	38.648	ng		99
3) Pyridine	3.939	79	138729	40.456	ng		97
4) n-Nitrosodimethylamine	3.851	42	61391	35.175	ng	#	84
6) Aniline	7.476	93	216465	41.072	ng		99
8) 2-Chlorophenol	7.723	128	134715	41.270	ng		99
9) Benzaldehyde	7.282	77	98362	38.003	ng		92
10) Phenol	7.335	94	176539	41.036	ng		94
11) bis(2-Chloroethyl)ether	7.564	93	129610	42.338	ng		98
12) 1,3-Dichlorobenzene	8.052	146	151347	40.293	ng		98
13) 1,4-Dichlorobenzene	8.199	146	152212	39.797	ng		95
14) 1,2-Dichlorobenzene	8.516	146	144883	39.068	ng		99
15) Benzyl Alcohol	8.393	79	130078	40.079	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	263943	36.426	ng		96
17) 2-Methylphenol	8.599	107	121326	39.857	ng		95
18) Hexachloroethane	9.257	117	57000	39.348	ng		94
19) n-Nitroso-di-n-propyla...	8.969	70	111483	41.700	ng		87
20) 3+4-Methylphenols	8.928	107	167453	40.155	ng		95
22) Acetophenone	8.980	105	224762	40.734	ng	#	97
24) Nitrobenzene	9.368	77	170837	41.275	ng		95
25) Isophorone	9.891	82	314689	40.342	ng		97
26) 2-Nitrophenol	10.079	139	81248	43.642	ng		96
27) 2,4-Dimethylphenol	10.132	122	135971	41.111	ng		97
28) bis(2-Chloroethoxy)met...	10.367	93	182169	42.538	ng		98
29) 2,4-Dichlorophenol	10.620	162	149664	42.149	ng		98
30) 1,2,4-Trichlorobenzene	10.837	180	171677	40.039	ng		98
31) Naphthalene	11.031	128	456427	39.755	ng		99
32) Benzoic acid	10.261	122	90891m	40.048	ng		
33) 4-Chloroaniline	11.125	127	189814	41.329	ng		96
34) Hexachlorobutadiene	11.319	225	142844	38.828	ng		97
35) Caprolactam	11.895	113	44588	41.983	ng	#	85
36) 4-Chloro-3-methylphenol	12.235	107	161785	40.935	ng		97
37) 2-Methylnaphthalene	12.617	142	342245	39.835	ng		98
38) 1-Methylnaphthalene	12.835	142	337142	39.503	ng		99
40) 1,2,4,5-Tetrachloroben...	12.982	216	244493	38.402	ng		98
41) Hexachlorocyclopentadiene	12.970	237	167978	36.809	ng		97
43) 2,4,6-Trichlorophenol	13.217	196	153300	41.026	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	173482	41.394	ng		97
46) 1,1'-Biphenyl	13.616	154	463489	39.446	ng		99
47) 2-Chloronaphthalene	13.657	162	366575	39.600	ng		99
48) 2-Nitroaniline	13.845	65	123102	41.345	ng		100
49) Acenaphthylene	14.497	152	636188	40.228	ng		97
50) Dimethylphthalate	14.215	163	520991	40.315	ng		99
51) 2,6-Dinitrotoluene	14.333	165	104443	42.001	ng		96
52) Acenaphthene	14.838	154	392132	41.354	ng		99
53) 3-Nitroaniline	14.662	138	105237	42.878	ng		94
54) 2,4-Dinitrophenol	14.868	184	62904	41.550	ng		97
55) Dibenzofuran	15.167	168	624451	39.834	ng		98
56) 4-Nitrophenol	14.962	139	82757	42.499	ng		90
57) 2,4-Dinitrotoluene	15.114	165	161741	43.385	ng	#	97
58) Fluorene	15.814	166	485494	39.487	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.385	232	172971	41.831	ng	#	98
60) Diethylphthalate	15.573	149	505831	40.860	ng		99
61) 4-Chlorophenyl-phenyle...	15.796	204	289307	39.208	ng		99
62) 4-Nitroaniline	15.819	138	109704	43.146	ng		90
63) Azobenzene	16.090	77	415165	40.319	ng		97
65) 4,6-Dinitro-2-methylph...	15.878	198	103255	45.850	ng		94
66) n-Nitrosodiphenylamine	16.007	169	440908	41.500	ng		98
67) 4-Bromophenyl-phenylether	16.689	248	217191	40.775	ng		97
68) Hexachlorobenzene	16.812	284	257879	39.960	ng		96
69) Atrazine	16.948	200	204034	39.833	ng		98
70) Pentachlorophenol	17.147	266	153612	43.278	ng		98
71) Phenanthrene	17.541	178	879641	39.637	ng		99
72) Anthracene	17.635	178	894765	39.541	ng		99
73) Carbazole	17.894	167	775772	39.879	ng		99
74) Di-n-butylphthalate	18.446	149	880800	40.584	ng		100
75) Fluoranthene	19.539	202	1149980	37.895	ng		99
77) Benzidine	19.703	184	514843	35.365	ng		99
78) Pyrene	19.897	202	1193891	43.823	ng		99
80) Butylbenzylphthalate	20.767	149	413649	43.167	ng		96
81) Benzo(a)anthracene	21.730	228	1295908	39.207	ng		99
82) 3,3'-Dichlorobenzidine	21.636	252	448537	36.869	ng		99
83) Chrysene	21.801	228	1238168	39.734	ng		99
84) Bis(2-ethylhexyl)phtha...	21.630	149	593585	42.391	ng		99
85) Di-n-octyl phthalate	22.852	149	989560	40.883	ng		98
87) Indeno(1,2,3-cd)pyrene	28.740	276	1326056	39.775	ng	#	98
88) Benzo(b)fluoranthene	23.975	252	1248969	40.444	ng		99
89) Benzo(k)fluoranthene	24.045	252	1211549	39.051	ng		98
90) Benzo(a)pyrene	24.856	252	1124298	39.247	ng		98
91) Dibenzo(a,h)anthracene	28.798	278	1103276	40.395	ng	#	96
92) Benzo(g,h,i)perylene	29.903	276	1054214	40.107	ng		96

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

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