Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064699.D
Acq On : 6 Nov 2025 12:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 12:52:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
11/07/2025
Supervised By :Jagrut Upadhyay
11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.206	152	39621	20.000	ng		-0.02
21) Naphthalene-d8	11.026	136	163730	20.000	ng		#-0.02
39) Acenaphthene-d10	14.822	164	142094	20.000	ng		-0.02
64) Phenanthrene-d10	17.560	188	344911	20.000	ng		-0.02
76) Chrysene-d12	21.831	240	295235	20.000	ng		#-0.03
86) Perylene-d12	25.157	264	328268	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.733	112	177981	75.399	ng		-0.02
7) Phenol-d6	7.342	99	248692	76.778	ng		-0.01
23) Nitrobenzene-d5	9.369	82	273650	100.386	ng		-0.02
42) 2,4,6-Tribromophenol	16.303	330	216535	105.583	ng		-0.02
45) 2-Fluorobiphenyl	13.453	172	788528	84.114	ng		-0.02
79) Terphenyl-d14	20.151	244	1389648	88.827	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.570	88	33829	32.370	ng		97
3) Pyridine	3.982	79	104156	33.188	ng		99
4) n-Nitrosodimethylamine	3.888	42	54394	32.320	ng		99
6) Aniline	7.513	93	164731	37.375	ng		96
8) 2-Chlorophenol	7.760	128	104170	42.162	ng		94
9) Benzaldehyde	7.325	77	64778	36.632	ng		99
10) Phenol	7.366	94	137895	38.495	ng		96
11) bis(2-Chloroethyl)ether	7.607	93	100435	38.135	ng		96
12) 1,3-Dichlorobenzene	8.089	146	113929	40.063	ng		100
13) 1,4-Dichlorobenzene	8.236	146	117176	40.524	ng		96
14) 1,2-Dichlorobenzene	8.559	146	112868	40.470	ng		95
15) Benzyl Alcohol	8.435	79	109423	40.967	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.717	45	259749	37.599	ng		99
17) 2-Methylphenol	8.635	107	99165	41.695	ng		97
18) Hexachloroethane	9.305	117	42860	42.239	ng		91
19) n-Nitroso-di-n-propyla...	9.011	70	94014	41.998	ng		97
20) 3+4-Methylphenols	8.964	107	140818	42.101	ng		96
22) Acetophenone	9.023	105	182528	40.782	ng	#	98
24) Nitrobenzene	9.411	77	140436	47.366	ng		96
25) Isophorone	9.939	82	269466	41.196	ng		98
26) 2-Nitrophenol	10.127	139	63249	54.813	ng	#	95
27) 2,4-Dimethylphenol	10.174	122	102321	42.053	ng		99
28) bis(2-Chloroethoxy)met...	10.415	93	149551	40.155	ng		99
29) 2,4-Dichlorophenol	10.662	162	125135	47.789	ng		99
30) 1,2,4-Trichlorobenzene	10.885	180	135173	45.434	ng		99
31) Naphthalene	11.079	128	379089	41.760	ng		99
32) Benzoic acid	10.304	122	81210m	44.329	ng		
33) 4-Chloroaniline	11.173	127	147920	41.923	ng		98
34) Hexachlorobutadiene	11.367	225	111897	48.092	ng		100
35) Caprolactam	11.949	113	39498	39.329	ng		96
36) 4-Chloro-3-methylphenol	12.278	107	143560	45.611	ng		97
37) 2-Methylnaphthalene	12.671	142	291471	43.733	ng		100
38) 1-Methylnaphthalene	12.889	142	286763	43.463	ng		97
40) 1,2,4,5-Tetrachloroben...	13.036	216	213779	44.829	ng		98
41) Hexachlorocyclopentadiene	13.018	237	99872	46.529	ng		97
43) 2,4,6-Trichlorophenol	13.265	196	131813	48.322	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.335	196	148335	47.123	ng		95
46) 1,1'-Biphenyl	13.664	154	408958	40.483	ng		98
47) 2-Chloronaphthalene	13.711	162	320716	42.060	ng		98
48) 2-Nitroaniline	13.899	65	113536	44.598	ng		98
49) Acenaphthylene	14.546	152	489100	40.665	ng		99
50) Dimethylphthalate	14.270	163	451727	41.546	ng		98
51) 2,6-Dinitrotoluene	14.387	165	87822	48.888	ng		94
52) Acenaphthene	14.887	154	339870	41.360	ng		99
53) 3-Nitroaniline	14.716	138	89505	47.900	ng		98
54) 2,4-Dinitrophenol	14.916	184	39960	39.342	ng	#	51
55) Dibenzofuran	15.221	168	545035	41.026	ng		96
56) 4-Nitrophenol	15.004	139	55805	32.212	ng		92
57) 2,4-Dinitrotoluene	15.169	165	134036	48.300	ng	#	91
58) Fluorene	15.868	166	433299	41.763	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.439	232	147168	48.891	ng		98
60) Diethylphthalate	15.627	149	453974	40.891	ng		99
61) 4-Chlorophenyl-phenyle...	15.856	204	262398	45.067	ng		98
62) 4-Nitroaniline	15.874	138	86364	41.545	ng		93
63) Azobenzene	16.150	77	389722	38.259	ng		95
65) 4,6-Dinitro-2-methylph...	15.932	198	76879	50.354	ng		94
66) n-Nitrosodiphenylamine	16.067	169	392619	42.140	ng		98
67) 4-Bromophenyl-phenylether	16.749	248	195293	47.780	ng		95
68) Hexachlorobenzene	16.872	284	223089	47.843	ng		96
69) Atrazine	17.008	200	162259	40.469	ng		98
70) Pentachlorophenol	17.207	266	137754	47.375	ng		89
71) Phenanthrene	17.607	178	775298	41.104	ng		99
72) Anthracene	17.695	178	776391	40.465	ng		99
73) Carbazole	17.954	167	589077	34.817	ng		99
74) Di-n-butylphthalate	18.512	149	735455	37.590	ng		99
75) Fluoranthene	19.599	202	826157	34.964	ng		98
77) Benzidine	19.763	184	264436	39.978	ng		99
78) Pyrene	19.957	202	828569	42.955	ng		99
80) Butylbenzylphthalate	20.833	149	246609	42.301	ng		93
81) Benzo(a)anthracene	21.814	228	816272	41.698	ng		100
82) 3,3'-Dichlorobenzidine	21.714	252	282354	43.193	ng		95
83) Chrysene	21.878	228	770459	41.363	ng		99
84) Bis(2-ethylhexyl)phtha...	21.714	149	356015	40.868	ng	#	99
85) Di-n-octyl phthalate	22.965	149	624789	42.540	ng		95
87) Indeno(1,2,3-cd)pyrene	28.970	276	1005525	41.639	ng	#	96
88) Benzo(b)fluoranthene	24.099	252	837036	41.583	ng		98
89) Benzo(k)fluoranthene	24.170	252	834564	41.432	ng		99
90) Benzo(a)pyrene	25.004	252	772958	41.774	ng	#	97
91) Dibenzo(a,h)anthracene	29.041	278	828002	42.204	ng		97
92) Benzo(g,h,i)perylene	30.151	276	786435	41.962	ng	#	97

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

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