Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
Data File : BG064727.D
Acq On : 10 Nov 2025 10:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

Quant Time: Nov 10 11:18:57 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.201	152	38395	20.000	ng		-0.02
21) Naphthalene-d8	11.033	136	148801	20.000	ng		#-0.02
39) Acenaphthene-d10	14.829	164	122730	20.000	ng		-0.02
64) Phenanthrene-d10	17.567	188	310127	20.000	ng		#-0.02
76) Chrysene-d12	21.832	240	356682	20.000	ng		#-0.03
86) Perylene-d12	25.164	264	402364	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.733	112	177416	77.560	ng		-0.02
7) Phenol-d6	7.343	99	243379	77.537	ng		0.00
23) Nitrobenzene-d5	9.370	82	248813	100.432	ng		-0.02
42) 2,4,6-Tribromophenol	16.309	330	195174	110.183	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	687804	84.945	ng		-0.02
79) Terphenyl-d14	20.152	244	1603815	84.856	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.571	88	38723	38.237	ng		95
3) Pyridine	3.983	79	96229	31.641	ng		98
4) n-Nitrosodimethylamine	3.889	42	52992	32.492	ng		95
6) Aniline	7.520	93	159251	37.285	ng		99
8) 2-Chlorophenol	7.761	128	102692	42.891	ng		99
9) Benzaldehyde	7.326	77	70831	41.334	ng		96
10) Phenol	7.373	94	133715	38.520	ng		96
11) bis(2-Chloroethyl)ether	7.608	93	97502	38.203	ng		93
12) 1,3-Dichlorobenzene	8.095	146	114983	41.725	ng		98
13) 1,4-Dichlorobenzene	8.242	146	115998	41.398	ng		96
14) 1,2-Dichlorobenzene	8.565	146	113446	41.976	ng		99
15) Benzyl Alcohol	8.436	79	100584	38.860	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.724	45	220465	32.931	ng		97
17) 2-Methylphenol	8.636	107	90288	39.175	ng		98
18) Hexachloroethane	9.306	117	44329	45.081	ng		87
19) n-Nitroso-di-n-propyla...	9.006	70	84340	38.879	ng		92
20) 3+4-Methylphenols	8.965	107	126812	39.125	ng		98
22) Acetophenone	9.030	105	167320	41.135	ng		93
24) Nitrobenzene	9.412	77	128821	47.807	ng		94
25) Isophorone	9.940	82	235887	39.680	ng		99
26) 2-Nitrophenol	10.128	139	59883	56.972	ng	#	91
27) 2,4-Dimethylphenol	10.181	122	87501	39.570	ng		98
28) bis(2-Chloroethoxy)met...	10.416	93	129675	38.312	ng		98
29) 2,4-Dichlorophenol	10.669	162	112078	47.096	ng		95
30) 1,2,4-Trichlorobenzene	10.892	180	132161	48.878	ng		99
31) Naphthalene	11.080	128	346021	41.942	ng		99
32) Benzoic acid	10.299	122	66341m	40.480	ng		
33) 4-Chloroaniline	11.174	127	131659	41.058	ng		98
34) Hexachlorobutadiene	11.368	225	111207	52.591	ng		96
35) Caprolactam	11.944	113	35076	38.430	ng	#	85
36) 4-Chloro-3-methylphenol	12.285	107	123558	43.194	ng		97
37) 2-Methylnaphthalene	12.672	142	259600	42.859	ng		99
38) 1-Methylnaphthalene	12.890	142	250319m	41.746	ng		
40) 1,2,4,5-Tetrachloroben...	13.037	216	193230	46.913	ng		99
41) Hexachlorocyclopentadiene	13.019	237	101951	54.991	ng		99
43) 2,4,6-Trichlorophenol	13.266	196	115676	49.097	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.336	196	128993	47.444	ng		97
46) 1,1'-Biphenyl	13.665	154	354776	40.661	ng		97
47) 2-Chloronaphthalene	13.712	162	277650	42.157	ng		98
48) 2-Nitroaniline	13.900	65	95968	43.714	ng		99
49) Acenaphthylene	14.553	152	423540	40.770	ng		99
50) Dimethylphthalate	14.271	163	396602	42.231	ng		99
51) 2,6-Dinitrotoluene	14.388	165	77206	49.703	ng		91
52) Acenaphthene	14.893	154	300762	42.376	ng		98
53) 3-Nitroaniline	14.717	138	78337	48.538	ng		98
54) 2,4-Dinitrophenol	14.917	184	41261	45.943	ng	#	49
55) Dibenzofuran	15.222	168	476357	41.514	ng		99
56) 4-Nitrophenol	15.011	139	63487	42.428	ng		92
57) 2,4-Dinitrotoluene	15.169	165	118921	49.532	ng	#	93
58) Fluorene	15.869	166	371643	41.472	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.446	232	130966	50.373	ng		96
60) Diethylphthalate	15.628	149	389368	40.606	ng		99
61) 4-Chlorophenyl-phenyle...	15.857	204	224901	44.721	ng		97
62) 4-Nitroaniline	15.875	138	84369	46.988	ng		89
63) Azobenzene	16.151	77	317595	36.098	ng		95
65) 4,6-Dinitro-2-methylph...	15.933	198	75688	54.619	ng		99
66) n-Nitrosodiphenylamine	16.068	169	334574	39.938	ng		99
67) 4-Bromophenyl-phenylether	16.750	248	167364	45.540	ng		94
68) Hexachlorobenzene	16.873	284	199708	47.632	ng		94
69) Atrazine	17.008	200	152736	42.367	ng		98
70) Pentachlorophenol	17.214	266	168865	64.588	ng		92
71) Phenanthrene	17.608	178	682275	40.229	ng		100
72) Anthracene	17.696	178	697704	40.442	ng		99
73) Carbazole	17.960	167	600321	39.461	ng		100
74) Di-n-butylphthalate	18.513	149	700970	39.846	ng		100
75) Fluoranthene	19.600	202	886111	41.707	ng		98
77) Benzidine	19.770	184	354208	44.325	ng		98
78) Pyrene	19.958	202	915716	39.295	ng		99
80) Butylbenzylphthalate	20.833	149	297875	42.292	ng		92
81) Benzo(a)anthracene	21.815	228	992376	41.961	ng		99
82) 3,3'-Dichlorobenzidine	21.721	252	362037	45.842	ng		99
83) Chrysene	21.885	228	931638	41.400	ng		98
84) Bis(2-ethylhexyl)phtha...	21.715	149	429325	40.794	ng	#	97
85) Di-n-octyl phthalate	22.966	149	751286	42.341	ng		95
87) Indeno(1,2,3-cd)pyrene	28.989	276	1246507	42.113	ng	#	96
88) Benzo(b)fluoranthene	24.106	252	1018788	41.292	ng	#	98
89) Benzo(k)fluoranthene	24.177	252	1010007	40.908	ng		98
90) Benzo(a)pyrene	25.011	252	944739	41.656	ng	#	97
91) Dibenzo(a,h)anthracene	29.059	278	1021007	42.458	ng	#	97
92) Benzo(g,h,i)perylene	30.175	276	961255	41.845	ng	#	96

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

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