Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111425\
Data File : BG064774.D
Acq On : 14 Nov 2025 10:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 14 11:45:48 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 11/17/2025
Supervised By :Sohil Jodhani 11/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.164	152	37838	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	154417	20.000	ng	#	0.00
39) Acenaphthene-d10	14.774	164	130626	20.000	ng		0.00
64) Phenanthrene-d10	17.500	188	333539	20.000	ng		0.00
76) Chrysene-d12	21.754	240	416190	20.000	ng		0.00
86) Perylene-d12	25.009	264	402498	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.697	112	173038	79.857	ng		0.00
7) Phenol-d6	7.306	99	238925	82.902	ng		0.00
23) Nitrobenzene-d5	9.328	82	253111	81.044	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	211588	83.054	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	737332	78.762	ng		0.00
79) Terphenyl-d14	20.092	244	1782283	84.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	33960	40.483	ng		99
3) Pyridine	3.940	79	104642	41.866	ng		96
4) n-Nitrosodimethylamine	3.846	42	50074	39.362	ng		92
6) Aniline	7.477	93	159684	41.568	ng		97
8) 2-Chlorophenol	7.724	128	101331	42.589	ng		98
9) Benzaldehyde	7.289	77	78411	41.563	ng		97
10) Phenol	7.336	94	129743	41.376	ng		96
11) bis(2-Chloroethyl)ether	7.571	93	95101	42.620	ng		99
12) 1,3-Dichlorobenzene	8.053	146	110975	40.534	ng		94
13) 1,4-Dichlorobenzene	8.200	146	114312	41.005	ng		98
14) 1,2-Dichlorobenzene	8.523	146	108898	40.287	ng		97
15) Benzyl Alcohol	8.393	79	98258	41.536	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.687	45	210904	39.932	ng		98
17) 2-Methylphenol	8.599	107	92959	41.897	ng		99
18) Hexachloroethane	9.263	117	41546	39.347	ng		96
19) n-Nitroso-di-n-propyla...	8.969	70	85187	43.716	ng		94
20) 3+4-Methylphenols	8.922	107	128188	42.173	ng		94
22) Acetophenone	8.987	105	171479	40.760	ng		98
24) Nitrobenzene	9.369	77	129401	41.006	ng		97
25) Isophorone	9.898	82	245483	41.275	ng		99
26) 2-Nitrophenol	10.086	139	60528	42.643	ng		93
27) 2,4-Dimethylphenol	10.133	122	104577	41.472	ng		98
28) bis(2-Chloroethoxy)met...	10.373	93	137056	41.976	ng		98
29) 2,4-Dichlorophenol	10.620	162	115405	42.627	ng		99
30) 1,2,4-Trichlorobenzene	10.844	180	130125	39.804	ng		96
31) Naphthalene	11.032	128	350588	40.051	ng		99
32) Benzoic acid	10.256	122	71189m	40.980	ng		
33) 4-Chloroaniline	11.126	127	148552	42.423	ng		98
34) Hexachlorobutadiene	11.325	225	108237	38.588	ng		97
35) Caprolactam	11.895	113	35544	43.895	ng	#	88
36) 4-Chloro-3-methylphenol	12.230	107	125750	41.731	ng		97
37) 2-Methylnaphthalene	12.624	142	268183	40.941	ng		99
38) 1-Methylnaphthalene	12.841	142	265692	40.832	ng		97
40) 1,2,4,5-Tetrachloroben...	12.988	216	197075	38.767	ng		99
41) Hexachlorocyclopentadiene	12.970	237	136832	37.552	ng		95
43) 2,4,6-Trichlorophenol	13.211	196	121820	40.829	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	137158	40.987	ng		98
46) 1,1'-Biphenyl	13.617	154	373073	39.765	ng		97
47) 2-Chloronaphthalene	13.658	162	287506	38.897	ng		99
48) 2-Nitroaniline	13.846	65	97646	41.073	ng		96
49) Acenaphthylene	14.498	152	501038	39.678	ng		99
50) Dimethylphthalate	14.216	163	415723	40.289	ng		98
51) 2,6-Dinitrotoluene	14.334	165	84135	42.374	ng		96
52) Acenaphthene	14.839	154	311633	41.160	ng		100
53) 3-Nitroaniline	14.663	138	83341	42.528	ng		89
54) 2,4-Dinitrophenol	14.868	184	48163	40.195	ng		93
55) Dibenzofuran	15.168	168	500932	40.020	ng		98
56) 4-Nitrophenol	14.956	139	69361	44.610	ng		95
57) 2,4-Dinitrotoluene	15.115	165	128535	43.180	ng		97
58) Fluorene	15.814	166	384278	39.143	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.385	232	139272	42.182	ng		98
60) Diethylphthalate	15.573	149	406119	41.085	ng		100
61) 4-Chlorophenyl-phenyle...	15.802	204	237841	40.369	ng		99
62) 4-Nitroaniline	15.820	138	87572	43.135	ng		97
63) Azobenzene	16.090	77	338962	41.227	ng		98
65) 4,6-Dinitro-2-methylph...	15.879	198	81247	43.873	ng		97
66) n-Nitrosodiphenylamine	16.008	169	359580	41.158	ng		100
67) 4-Bromophenyl-phenylether	16.690	248	180361	41.177	ng		98
68) Hexachlorobenzene	16.813	284	213050	40.147	ng		96
69) Atrazine	16.948	200	169548	40.252	ng		98
70) Pentachlorophenol	17.148	266	122004	42.010	ng		97
71) Phenanthrene	17.547	178	733801	40.210	ng		100
72) Anthracene	17.636	178	752570	40.443	ng		99
73) Carbazole	17.894	167	641202	40.083	ng		98
74) Di-n-butylphthalate	18.446	149	716740	40.161	ng		99
75) Fluoranthene	19.539	202	983829	39.425	ng		99
77) Benzidine	19.704	184	448254	35.963	ng		99
78) Pyrene	19.898	202	1012054	43.388	ng		99
80) Butylbenzylphthalate	20.767	149	338180	41.219	ng		96
81) Benzo(a)anthracene	21.731	228	1113058	39.332	ng		100
82) 3,3'-Dichlorobenzidine	21.643	252	389455	37.390	ng		99
83) Chrysene	21.801	228	1059538	39.713	ng		100
84) Bis(2-ethylhexyl)phtha...	21.631	149	471046	39.290	ng		99
85) Di-n-octyl phthalate	22.859	149	789450	38.094	ng		99
87) Indeno(1,2,3-cd)pyrene	28.734	276	1148236	41.523	ng	#	95
88) Benzo(b)fluoranthene	23.975	252	1054864	41.183	ng		99
89) Benzo(k)fluoranthene	24.046	252	1030069	40.028	ng		99
90) Benzo(a)pyrene	24.857	252	958036	40.320	ng		97
91) Dibenzo(a,h)anthracene	28.799	278	944187	41.679	ng		97
92) Benzo(g,h,i)perylene	29.898	276	906496	41.578	ng		99

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

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