Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082725\
Data File : BG064211.D
Acq On : 27 Aug 2025 14:56
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 27 17:48:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 27 17:42:35 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	34104	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	162304	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	121000	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	291410	20.000	ng	0.00
76) Chrysene-d12	21.457	240	294971	20.000	ng	0.00
86) Perylene-d12	24.465	264	320729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	139357	78.280	ng	0.00
7) Phenol-d6	7.027	99	207407	78.790	ng	0.00
23) Nitrobenzene-d5	9.013	82	226862	78.912	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	127675	80.966	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	582476	76.150	ng	0.00
79) Terphenyl-d14	19.841	244	1066867	76.423	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	27937	34.061	ng	100
3) Pyridine	3.748	79	85267	36.905	ng	100
4) n-Nitrosodimethylamine	3.666	42	57732	37.182	ng	100
6) Aniline	7.186	93	139693	39.097	ng	100
8) 2-Chlorophenol	7.427	128	91926	40.207	ng	100
9) Benzaldehyde	6.998	77	89151	42.221	ng	100
10) Phenol	7.050	94	115095	39.667	ng	100
11) bis(2-Chloroethyl)ether	7.285	93	81398	38.822	ng	100
12) 1,3-Dichlorobenzene	7.750	146	95467	39.574	ng	100
13) 1,4-Dichlorobenzene	7.891	146	96464	38.822	ng	100
14) 1,2-Dichlorobenzene	8.208	146	94772	39.454	ng	100
15) Benzyl Alcohol	8.096	79	94912	39.451	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.378	45	187635	38.843	ng	100
17) 2-Methylphenol	8.296	107	82232	39.316	ng	100
18) Hexachloroethane	8.937	117	37762	39.629	ng	100
19) n-Nitroso-di-n-propyla...	8.660	70	78117	39.223	ng	100
20) 3+4-Methylphenols	8.625	107	115553	39.125	ng	100
22) Acetophenone	8.678	105	157064	38.674	ng	100
24) Nitrobenzene	9.054	77	119085	39.857	ng	100
25) Isophorone	9.577	82	233738	38.627	ng	100
26) 2-Nitrophenol	9.759	139	51827	40.229	ng	100
27) 2,4-Dimethylphenol	9.824	122	89951	38.596	ng	100
28) bis(2-Chloroethoxy)met...	10.059	93	125413	38.493	ng	100
29) 2,4-Dichlorophenol	10.294	162	95713	39.854	ng	100
30) 1,2,4-Trichlorobenzene	10.511	180	99519	38.911	ng	100
31) Naphthalene	10.699	128	321895	38.844	ng	100
32) Benzoic acid	9.976	122	80658m	40.854	ng	
33) 4-Chloroaniline	10.799	127	132630	40.969	ng	100
34) Hexachlorobutadiene	10.987	225	73200	39.097	ng	100
35) Caprolactam	11.575	113	38222	39.747	ng	100
36) 4-Chloro-3-methylphenol	11.927	107	124847	39.918	ng	100
37) 2-Methylnaphthalene	12.303	142	239964	39.148	ng	100
38) 1-Methylnaphthalene	12.526	142	237931	39.129	ng	100
40) 1,2,4,5-Tetrachloroben...	12.673	216	130428	39.027	ng	100
41) Hexachlorocyclopentadiene	12.662	237	64488	41.291	ng	100
43) 2,4,6-Trichlorophenol	12.914	196	92400	40.272	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	101077	39.762	ng	100
46) 1,1'-Biphenyl	13.320	154	329778	38.439	ng	100
47) 2-Chloronaphthalene	13.361	162	249059	38.896	ng	100
48) 2-Nitroaniline	13.560	65	92032	41.464	ng	100
49) Acenaphthylene	14.207	152	369590	38.882	ng	100
50) Dimethylphthalate	13.942	163	355872	39.199	ng	100
51) 2,6-Dinitrotoluene	14.054	165	71134	41.503	ng	100
52) Acenaphthene	14.548	154	261651	39.207	ng	100
53) 3-Nitroaniline	14.383	138	76819	43.449	ng	100
54) 2,4-Dinitrophenol	14.589	184	44307	40.940	ng	100
55) Dibenzofuran	14.882	168	408763	38.602	ng	100
56) 4-Nitrophenol	14.694	139	64332	42.024	ng	100
57) 2,4-Dinitrotoluene	14.841	165	109904	41.790	ng	100
58) Fluorene	15.529	166	344279	39.791	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.106	232	97691	40.620	ng	100
60) Diethylphthalate	15.311	149	383047	39.307	ng	100
61) 4-Chlorophenyl-phenyle...	15.529	204	172101	38.544	ng	100
62) 4-Nitroaniline	15.552	138	80565	42.146	ng	100
63) Azobenzene	15.817	77	334387	39.048	ng	100
65) 4,6-Dinitro-2-methylph...	15.605	198	68219	41.079	ng	100
66) n-Nitrosodiphenylamine	15.740	169	301609	38.251	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	118882	38.813	ng	100
68) Hexachlorobenzene	16.534	284	125544	38.139	ng	100
69) Atrazine	16.692	200	129882	38.932	ng	100
70) Pentachlorophenol	16.874	266	85150	40.759	ng	100
71) Phenanthrene	17.268	178	577243	38.351	ng	100
72) Anthracene	17.356	178	588127	38.578	ng	100
73) Carbazole	17.626	167	527191	38.725	ng	100
74) Di-n-butylphthalate	18.196	149	632620	38.202	ng	100
75) Fluoranthene	19.277	202	683985	38.022	ng	100
77) Benzidine	19.459	184	243118	39.811	ng	100
78) Pyrene	19.636	202	717728	39.044	ng	100
80) Butylbenzylphthalate	20.535	149	273032	39.592	ng	100
81) Benzo(a)anthracene	21.439	228	737138	39.106	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	242457	39.854	ng	100
83) Chrysene	21.498	228	699691	38.594	ng	100
84) Bis(2-ethylhexyl)phtha...	21.363	149	410468	39.611	ng	100
85) Di-n-octyl phthalate	22.509	149	717069	39.185	ng	100
87) Indeno(1,2,3-cd)pyrene	27.867	276	864131	39.795	ng	100
88) Benzo(b)fluoranthene	23.519	252	715758	39.723	ng	100
89) Benzo(k)fluoranthene	23.584	252	718839	38.841	ng	100
90) Benzo(a)pyrene	24.330	252	660992	39.367	ng	100
91) Dibenzo(a,h)anthracene	27.920	278	701636	40.046	ng	100
92) Benzo(g,h,i)perylene	28.919	276	669189	39.513	ng	100

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

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