Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082725\
Data File : BG064209.D
Acq On : 27 Aug 2025 13:35
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 27 17:46:59 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 :
SSTDICC010

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	7.857	152	25913	20.000	ng		0.00
21) Naphthalene-d8	10.642	136	114206	20.000	ng		0.00
39) Acenaphthene-d10	14.479	164	83803	20.000	ng		0.00
64) Phenanthrene-d10	17.223	188	202995	20.000	ng		0.00
76) Chrysene-d12	21.447	240	221457	20.000	ng		0.00
86) Perylene-d12	24.462	264	245095	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.443	112	25479	18.836	ng		0.00
7) Phenol-d6	7.023	99	37118	18.557	ng		0.00
23) Nitrobenzene-d5	9.009	82	38792	19.176	ng		0.00
42) 2,4,6-Tribromophenol	15.966	330	21729	19.896	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	109077	20.590	ng		0.00
79) Terphenyl-d14	19.838	244	217440	20.746	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	6304	10.115	ng		94
3) Pyridine	3.756	79	16717	9.522	ng		91
4) n-Nitrosodimethylamine	3.668	42	10616	8.998	ng	#	84
6) Aniline	7.182	93	26071	9.603	ng		97
8) 2-Chlorophenol	7.417	128	15742	9.062	ng		98
9) Benzaldehyde	6.994	77	13639	8.501	ng	#	87
10) Phenol	7.047	94	19947	9.048	ng		98
11) bis(2-Chloroethyl)ether	7.282	93	14903	9.355	ng		96
12) 1,3-Dichlorobenzene	7.752	146	17461m	9.526	ng		
13) 1,4-Dichlorobenzene	7.893	146	17973	9.520	ng		94
14) 1,2-Dichlorobenzene	8.210	146	17298	9.478	ng		94
15) Benzyl Alcohol	8.087	79	16165	8.843	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.375	45	35259	9.606	ng		97
17) 2-Methylphenol	8.292	107	14203	8.937	ng		95
18) Hexachloroethane	8.939	117	6622	9.146	ng		90
19) n-Nitroso-di-n-propyla...	8.657	70	14231	9.404	ng		97
20) 3+4-Methylphenols	8.621	107	20327	9.058	ng		92
22) Acetophenone	8.674	105	29203	10.219	ng	#	93
24) Nitrobenzene	9.050	77	19825	9.430	ng	#	96
25) Isophorone	9.573	82	44147	10.368	ng		98
26) 2-Nitrophenol	9.761	139	8352	9.213	ng		90
27) 2,4-Dimethylphenol	9.820	122	16762	10.221	ng		88
28) bis(2-Chloroethoxy)met...	10.055	93	23896	10.423	ng		96
29) 2,4-Dichlorophenol	10.290	162	15410	9.119	ng		88
30) 1,2,4-Trichlorobenzene	10.507	180	18201	10.113	ng		96
31) Naphthalene	10.695	128	59533	10.209	ng		99
32) Benzoic acid	9.902	122	10886m	7.836	ng		
33) 4-Chloroaniline	10.801	127	21521	9.448	ng		95
34) Hexachlorobutadiene	10.989	225	13095	9.940	ng		89
35) Caprolactam	11.553	113	6903	10.202	ng	#	59
36) 4-Chloro-3-methylphenol	11.923	107	21497	9.768	ng		99
37) 2-Methylnaphthalene	12.299	142	42247	9.795	ng		96
38) 1-Methylnaphthalene	12.523	142	43039	10.059	ng		98
40) 1,2,4,5-Tetrachloroben...	12.669	216	22804	9.852	ng		99
41) Hexachlorocyclopentadiene	12.652	237	8474	7.834	ng		92
43) 2,4,6-Trichlorophenol	12.910	196	14899	9.376	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	16692	9.481	ng		97
46) 1,1'-Biphenyl	13.316	154	59860	10.074	ng		97
47) 2-Chloronaphthalene	13.351	162	44524	10.040	ng	#	89
48) 2-Nitroaniline	13.557	65	13538	8.807	ng		92
49) Acenaphthylene	14.203	152	65006	9.874	ng		98
50) Dimethylphthalate	13.933	163	63033	10.025	ng		97
51) 2,6-Dinitrotoluene	14.050	165	10610	8.938	ng		96
52) Acenaphthene	14.544	154	46172	9.989	ng		96
53) 3-Nitroaniline	14.379	138	10822	8.838	ng	#	96
54) 2,4-Dinitrophenol	14.591	184	4103	10.208	ng		94
55) Dibenzofuran	14.879	168	74620	10.175	ng		96
56) 4-Nitrophenol	14.685	139	8778	8.279	ng		99
57) 2,4-Dinitrotoluene	14.838	165	16444	9.028	ng	#	94
58) Fluorene	15.525	166	60013	10.015	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.108	232	15671	9.408	ng	#	97
60) Diethylphthalate	15.302	149	71761	10.632	ng		98
61) 4-Chlorophenyl-phenyle...	15.525	204	32058	10.367	ng		97
62) 4-Nitroaniline	15.543	138	12560	9.487	ng	#	80
63) Azobenzene	15.813	77	59805	10.084	ng		97
65) 4,6-Dinitro-2-methylph...	15.601	198	8780	7.590	ng	#	80
66) n-Nitrosodiphenylamine	15.736	169	52344	9.530	ng		96
67) 4-Bromophenyl-phenylether	16.418	248	20950	9.819	ng		94
68) Hexachlorobenzene	16.530	284	22193	9.678	ng		94
69) Atrazine	16.682	200	23699	10.198	ng		92
70) Pentachlorophenol	16.870	266	11514	7.912	ng		93
71) Phenanthrene	17.264	178	104096	9.928	ng		99
72) Anthracene	17.352	178	105131	9.900	ng		99
73) Carbazole	17.623	167	95520	10.072	ng		97
74) Di-n-butylphthalate	18.192	149	118251	10.251	ng		99
75) Fluoranthene	19.274	202	129386	10.325	ng		99
77) Benzidine	19.456	184	53472	11.663	ng		99
78) Pyrene	19.632	202	139131	10.081	ng		97
80) Butylbenzylphthalate	20.531	149	47999	9.271	ng		95
81) Benzo(a)anthracene	21.430	228	142568	10.074	ng		99
82) 3,3'-Dichlorobenzidine	21.353	252	44121	9.660	ng		95
83) Chrysene	21.494	228	140112	10.294	ng		99
84) Bis(2-ethylhexyl)phtha...	21.365	149	76709	9.860	ng	#	99
85) Di-n-octyl phthalate	22.505	149	133511	9.718	ng		99
87) Indeno(1,2,3-cd)pyrene	27.834	276	155043	9.343	ng		98
88) Benzo(b)fluoranthene	23.510	252	131159	9.525	ng		96
89) Benzo(k)fluoranthene	23.568	252	136874	9.678	ng		95
90) Benzo(a)pyrene	24.315	252	121745	9.488	ng		99
91) Dibenzo(a,h)anthracene	27.887	278	126521	9.450	ng		97
92) Benzo(g,h,i)perylene	28.886	276	123441	9.538	ng		95

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

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