Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
Data File : BG064220.D
Acq On : 28 Aug 2025 12:12
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 28 18:40:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	26130	20.000	ng		0.00
21) Naphthalene-d8	10.641	136	128271	20.000	ng	#	0.00
39) Acenaphthene-d10	14.483	164	94175	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	221898	20.000	ng		0.00
76) Chrysene-d12	21.451	240	230611	20.000	ng		0.00
86) Perylene-d12	24.460	264	253168	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	28574	19.619	ng		0.00
7) Phenol-d6	7.021	99	38784	19.383	ng		0.00
23) Nitrobenzene-d5	9.007	82	43627	18.968	ng		0.00
42) 2,4,6-Tribromophenol	15.964	330	24110	19.328	ng		0.00
45) 2-Fluorobiphenyl	13.102	172	121075	19.623	ng		0.00
79) Terphenyl-d14	19.842	244	224585	20.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	6848	11.281	ng		84
3) Pyridine	3.749	79	17966	10.054	ng	#	53
4) n-Nitrosodimethylamine	3.666	42	11613	9.825	ng	#	94
6) Aniline	7.180	93	26763	9.672	ng		95
8) 2-Chlorophenol	7.427	128	16813	9.447	ng		95
9) Benzaldehyde	6.998	77	15436	9.374	ng		97
10) Phenol	7.045	94	21260	9.637	ng		96
11) bis(2-Chloroethyl)ether	7.280	93	16500	9.953	ng		87
12) 1,3-Dichlorobenzene	7.744	146	19342	10.216	ng		98
13) 1,4-Dichlorobenzene	7.891	146	19887	10.407	ng		93
14) 1,2-Dichlorobenzene	8.208	146	19045	10.327	ng		92
15) Benzyl Alcohol	8.091	79	16948	9.179	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.378	45	38145	10.079	ng		95
17) 2-Methylphenol	8.290	107	16238	9.876	ng		87
18) Hexachloroethane	8.937	117	7549	10.121	ng		92
19) n-Nitroso-di-n-propyla...	8.655	70	15150	9.893	ng	#	95
20) 3+4-Methylphenols	8.619	107	22656	9.917	ng		98
22) Acetophenone	8.672	105	31085	9.579	ng	#	97
24) Nitrobenzene	9.048	77	22299	9.279	ng		98
25) Isophorone	9.571	82	46345	9.695	ng		99
26) 2-Nitrophenol	9.759	139	9333	8.988	ng	#	83
27) 2,4-Dimethylphenol	9.818	122	17379	9.533	ng		95
28) bis(2-Chloroethoxy)met...	10.059	93	25711	9.975	ng	#	96
29) 2,4-Dichlorophenol	10.288	162	17846	9.278	ng		95
30) 1,2,4-Trichlorobenzene	10.505	180	19563	9.646	ng		97
31) Naphthalene	10.693	128	64906	9.758	ng		97
32) Benzoic acid	9.906	122	10223m	7.064	ng		
33) 4-Chloroaniline	10.799	127	24285	9.420	ng		99
34) Hexachlorobutadiene	10.987	225	15152	10.107	ng	#	92
35) Caprolactam	11.545	113	6949	9.330	ng	#	88
36) 4-Chloro-3-methylphenol	11.921	107	24476	9.807	ng		98
37) 2-Methylnaphthalene	12.303	142	47947	9.698	ng		96
38) 1-Methylnaphthalene	12.521	142	48414	9.914	ng		99
40) 1,2,4,5-Tetrachloroben...	12.673	216	26203	9.643	ng		99
41) Hexachlorocyclopentadiene	12.656	237	10398	8.052	ng		93
43) 2,4,6-Trichlorophenol	12.914	196	17055	9.391	ng		87

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	18196	9.236	ng		92
46) 1,1'-Biphenyl	13.314	154	66470	9.691	ng		99
47) 2-Chloronaphthalene	13.355	162	49869	9.671	ng		97
48) 2-Nitroaniline	13.555	65	15487	8.811	ng		94
49) Acenaphthylene	14.201	152	71937	9.437	ng		99
50) Dimethylphthalate	13.937	163	69493	9.749	ng		99
51) 2,6-Dinitrotoluene	14.048	165	12682	9.190	ng		95
52) Acenaphthene	14.542	154	52750	9.806	ng		92
53) 3-Nitroaniline	14.377	138	13157	9.102	ng		94
54) 2,4-Dinitrophenol	14.589	184	4543	10.334	ng		96
55) Dibenzofuran	14.877	168	82692	9.773	ng		97
56) 4-Nitrophenol	14.689	139	9355	7.889	ng		98
57) 2,4-Dinitrotoluene	14.836	165	18726	8.975	ng	#	84
58) Fluorene	15.529	166	69596	10.035	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.106	232	17783	9.385	ng		96
60) Diethylphthalate	15.300	149	74277	9.736	ng		95
61) 4-Chlorophenyl-phenyle...	15.523	204	33756	9.762	ng		93
62) 4-Nitroaniline	15.541	138	12962	8.788	ng	#	88
63) Azobenzene	15.811	77	66963	9.848	ng		96
65) 4,6-Dinitro-2-methylph...	15.599	198	9467	7.431	ng		89
66) n-Nitrosodiphenylamine	15.735	169	57515	9.422	ng		97
67) 4-Bromophenyl-phenylether	16.416	248	23643	10.032	ng		94
68) Hexachlorobenzene	16.534	284	25688	9.815	ng		100
69) Atrazine	16.681	200	25479	9.997	ng		90
70) Pentachlorophenol	16.874	266	12208	7.693	ng	#	83
71) Phenanthrene	17.262	178	114456	9.780	ng		99
72) Anthracene	17.350	178	116836	9.814	ng		96
73) Carbazole	17.621	167	100709	9.603	ng		99
74) Di-n-butylphthalate	18.191	149	120797	9.587	ng		97
75) Fluoranthene	19.272	202	134413	9.767	ng		98
77) Benzidine	19.454	184	52385	10.798	ng		99
78) Pyrene	19.636	202	142485	9.807	ng		97
80) Butylbenzylphthalate	20.535	149	50791	9.269	ng		92
81) Benzo(a)anthracene	21.428	228	142752	9.676	ng		97
82) 3,3'-Dichlorobenzidine	21.352	252	46265	9.629	ng		97
83) Chrysene	21.493	228	138050	9.747	ng		100
84) Bis(2-ethylhexyl)phtha...	21.363	149	78558	9.549	ng		97
85) Di-n-octyl phthalate	22.503	149	133728	9.329	ng		100
87) Indeno(1,2,3-cd)pyrene	27.832	276	164791	9.531	ng		99
88) Benzo(b)fluoranthene	23.508	252	136893	9.581	ng		95
89) Benzo(k)fluoranthene	23.567	252	142634	9.798	ng		96
90) Benzo(a)pyrene	24.313	252	123820	9.316	ng		100
91) Dibenzo(a,h)anthracene	27.891	278	130614	9.409	ng		96
92) Benzo(g,h,i)perylene	28.896	276	130254	9.643	ng		99

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

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