Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092525\
Data File : BG064449.D
Acq On : 25 Sep 2025 18:04
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Quant Time: Sep 29 17:47:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 29 17:41:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.829	152	16924	20.000	ng		-0.02
21) Naphthalene-d8	10.620	136	71830	20.000	ng	#	0.00
39) Acenaphthene-d10	14.462	164	55068	20.000	ng		0.00
64) Phenanthrene-d10	17.206	188	142229	20.000	ng	#	0.00
76) Chrysene-d12	21.431	240	161277	20.000	ng		0.00
86) Perylene-d12	24.433	264	174618	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.420	112	17279	19.510	ng		0.00
7) Phenol-d6	7.000	99	22731	18.735	ng		0.00
23) Nitrobenzene-d5	8.980	82	25781	19.451	ng		0.00
42) 2,4,6-Tribromophenol	15.949	330	18577	19.324	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	72513	19.444	ng		0.00
79) Terphenyl-d14	19.821	244	159040	19.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	3541	9.528	ng		94
3) Pyridine	3.728	79	8563	8.547	ng	#	85
4) n-Nitrosodimethylamine	3.646	42	6664	8.707	ng	#	98
6) Aniline	7.159	93	14914	9.492	ng		98
8) 2-Chlorophenol	7.406	128	10643	9.606	ng		100
9) Benzaldehyde	6.977	77	8571	8.299	ng		92
10) Phenol	7.030	94	12673	9.647	ng		93
11) bis(2-Chloroethyl)ether	7.259	93	8266	9.371	ng		92
12) 1,3-Dichlorobenzene	7.717	146	12631	10.170	ng		90
13) 1,4-Dichlorobenzene	7.870	146	12496	9.850	ng	#	90
14) 1,2-Dichlorobenzene	8.181	146	11602	9.650	ng		97
15) Benzyl Alcohol	8.070	79	10636	9.303	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.352	45	15292	9.942	ng		97
17) 2-Methylphenol	8.275	107	9194	9.688	ng		96
18) Hexachloroethane	8.910	117	4683	9.784	ng		93
19) n-Nitroso-di-n-propyla...	8.634	70	8035	9.798	ng	#	94
20) 3+4-Methylphenols	8.604	107	13096	9.816	ng		88
22) Acetophenone	8.646	105	16946	9.854	ng	#	96
24) Nitrobenzene	9.022	77	13047	10.085	ng	#	85
25) Isophorone	9.544	82	24345	9.927	ng		99
26) 2-Nitrophenol	9.738	139	5873	9.222	ng	#	90
27) 2,4-Dimethylphenol	9.797	122	9996	9.732	ng		88
28) bis(2-Chloroethoxy)met...	10.032	93	12113	9.561	ng		94
29) 2,4-Dichlorophenol	10.273	162	10831	9.162	ng		92
30) 1,2,4-Trichlorobenzene	10.485	180	12395	9.803	ng		91
31) Naphthalene	10.673	128	37178	9.914	ng		98
32) Benzoic acid	9.897	122	6402m	8.424	ng		
33) 4-Chloroaniline	10.784	127	13478	9.825	ng		96
34) Hexachlorobutadiene	10.960	225	10211	9.480	ng		92
35) Caprolactam	11.530	113	3797	9.735	ng	#	70
36) 4-Chloro-3-methylphenol	11.906	107	13772	9.829	ng		95
37) 2-Methylnaphthalene	12.282	142	27371	9.666	ng		96
38) 1-Methylnaphthalene	12.500	142	26494	9.523	ng		96
40) 1,2,4,5-Tetrachloroben...	12.653	216	16809	9.578	ng		97
41) Hexachlorocyclopentadiene	12.635	237	7703	8.264	ng		94
43) 2,4,6-Trichlorophenol	12.893	196	11153	9.742	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	12933	10.191	ng		96
46) 1,1'-Biphenyl	13.293	154	37895	9.674	ng		98
47) 2-Chloronaphthalene	13.334	162	28395	9.537	ng		92
48) 2-Nitroaniline	13.540	65	10054	9.825	ng		90
49) Acenaphthylene	14.180	152	42745	9.671	ng		97
50) Dimethylphthalate	13.916	163	42626	10.132	ng	#	94
51) 2,6-Dinitrotoluene	14.033	165	8775	9.931	ng		94
52) Acenaphthene	14.527	154	30154	9.969	ng		97
53) 3-Nitroaniline	14.362	138	7718	9.218	ng	#	88
54) 2,4-Dinitrophenol	14.580	184	6541	11.146	ng		92
55) Dibenzofuran	14.862	168	48928	9.756	ng		95
56) 4-Nitrophenol	14.680	139	6008	8.865	ng		90
57) 2,4-Dinitrotoluene	14.827	165	13166	9.760	ng		93
58) Fluorene	15.508	166	40115	9.689	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.091	232	12004	9.637	ng		97
60) Diethylphthalate	15.285	149	45179	9.967	ng	#	91
61) 4-Chlorophenyl-phenyle...	15.502	204	22034	9.746	ng		96
62) 4-Nitroaniline	15.526	138	8608	9.588	ng		95
63) Azobenzene	15.796	77	34877	9.833	ng		97
65) 4,6-Dinitro-2-methylph...	15.590	198	8542	8.767	ng		96
66) n-Nitrosodiphenylamine	15.720	169	37030	9.757	ng		93
67) 4-Bromophenyl-phenylether	16.401	248	15768	9.462	ng		90
68) Hexachlorobenzene	16.513	284	18248	9.622	ng	#	91
69) Atrazine	16.666	200	17458	10.125	ng		95
70) Pentachlorophenol	16.859	266	9154	7.998	ng		89
71) Phenanthrene	17.247	178	71163	9.626	ng		94
72) Anthracene	17.335	178	74346	9.876	ng		100
73) Carbazole	17.606	167	65817	9.966	ng		98
74) Di-n-butylphthalate	18.170	149	78792	9.753	ng		99
75) Fluoranthene	19.257	202	92151	9.871	ng		98
77) Benzidine	19.445	184	25517	6.043	ng		96
78) Pyrene	19.621	202	96290	9.622	ng		98
80) Butylbenzylphthalate	20.514	149	34833	9.313	ng		92
81) Benzo(a)anthracene	21.413	228	98685	9.557	ng		99
82) 3,3'-Dichlorobenzidine	21.337	252	33544	9.445	ng		97
83) Chrysene	21.478	228	94888	9.703	ng		99
84) Bis(2-ethylhexyl)phtha...	21.342	149	50177	9.313	ng	#	96
85) Di-n-octyl phthalate	22.471	149	87962	9.604	ng		99
87) Indeno(1,2,3-cd)pyrene	27.788	276	123551	10.011	ng	#	91
88) Benzo(b)fluoranthene	23.481	252	93624	9.353	ng		98
89) Benzo(k)fluoranthene	23.546	252	95599	9.541	ng		94
90) Benzo(a)pyrene	24.286	252	86275	9.304	ng	#	95
91) Dibenzo(a,h)anthracene	27.852	278	99212	9.916	ng		97
92) Benzo(g,h,i)perylene	28.845	276	97372	10.134	ng	#	97

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

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