Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064456.D
Acq On : 29 Sep 2025 12:21
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Sep 29 18:10:51 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 18:04:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.835	152	15748	20.000	ng		0.00
21) Naphthalene-d8	10.626	136	66555	20.000	ng	#	0.00
39) Acenaphthene-d10	14.463	164	56473	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	131242	20.000	ng	#	0.00
76) Chrysene-d12	21.431	240	160574	20.000	ng		0.00
86) Perylene-d12	24.428	264	177303	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.426	112	71476	86.733	ng		0.00
7) Phenol-d6	7.007	99	99008	87.695	ng		0.00
23) Nitrobenzene-d5	8.987	82	105415	85.838	ng		0.00
42) 2,4,6-Tribromophenol	15.955	330	77805	78.919	ng		0.00
45) 2-Fluorobiphenyl	13.088	172	304480	79.615	ng		0.00
79) Terphenyl-d14	19.821	244	711079	87.296	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.341	88	16548	47.852	ng		92
3) Pyridine	3.728	79	45382	48.677	ng		97
4) n-Nitrosodimethylamine	3.646	42	32038	44.987	ng	#	91
6) Aniline	7.165	93	61779	42.257	ng		97
8) 2-Chlorophenol	7.400	128	44386	43.051	ng		98
9) Benzaldehyde	6.977	77	22461	23.373	ng		88
10) Phenol	7.036	94	52335	42.813	ng		97
11) bis(2-Chloroethyl)ether	7.259	93	34963	42.597	ng		98
12) 1,3-Dichlorobenzene	7.724	146	49210	42.581	ng		98
13) 1,4-Dichlorobenzene	7.876	146	49309	41.768	ng		94
14) 1,2-Dichlorobenzene	8.188	146	46264	41.354	ng		95
15) Benzyl Alcohol	8.070	79	44883	42.192	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.358	45	59897	41.851	ng		98
17) 2-Methylphenol	8.282	107	37843	42.853	ng		97
18) Hexachloroethane	8.916	117	20334	45.654	ng		93
19) n-Nitroso-di-n-propyla...	8.640	70	33938	44.473	ng		96
20) 3+4-Methylphenols	8.605	107	52586	42.361	ng		97
22) Acetophenone	8.652	105	70734	44.392	ng	#	91
24) Nitrobenzene	9.028	77	53492	44.623	ng		95
25) Isophorone	9.557	82	96686	42.550	ng		99
26) 2-Nitrophenol	9.739	139	26597	45.074	ng	#	86
27) 2,4-Dimethylphenol	9.804	122	40312	42.357	ng		98
28) bis(2-Chloroethoxy)met...	10.039	93	49647	42.292	ng		93
29) 2,4-Dichlorophenol	10.274	162	46160	42.142	ng		99
30) 1,2,4-Trichlorobenzene	10.491	180	50954	43.491	ng		97
31) Naphthalene	10.673	128	149513	43.030	ng		97
32) Benzoic acid	9.945	122	31420m	42.614	ng		
33) 4-Chloroaniline	10.779	127	57868	45.529	ng		98
34) Hexachlorobutadiene	10.961	225	42539	42.626	ng		99
35) Caprolactam	11.554	113	16958	46.922	ng	#	87
36) 4-Chloro-3-methylphenol	11.907	107	56813	43.760	ng		95
37) 2-Methylnaphthalene	12.283	142	110546	42.134	ng		98
38) 1-Methylnaphthalene	12.500	142	115316m	44.732	ng		
40) 1,2,4,5-Tetrachloroben...	12.653	216	73874	41.046	ng		99
41) Hexachlorocyclopentadiene	12.636	237	39970	41.816	ng		94
43) 2,4,6-Trichlorophenol	12.894	196	47887	40.790	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	53496	41.775	ng		96
46) 1,1'-Biphenyl	13.299	154	162401	40.426	ng		97
47) 2-Chloronaphthalene	13.335	162	127931	41.900	ng		96
48) 2-Nitroaniline	13.540	65	45494	43.353	ng		99
49) Acenaphthylene	14.181	152	183296	40.437	ng		99
50) Dimethylphthalate	13.916	163	181210	42.003	ng		99
51) 2,6-Dinitrotoluene	14.040	165	38540	42.530	ng		94
52) Acenaphthene	14.527	154	128633	41.467	ng		98
53) 3-Nitroaniline	14.369	138	38680	45.046	ng	#	93
54) 2,4-Dinitrophenol	14.574	184	24720	41.076	ng		94
55) Dibenzofuran	14.862	168	210416	40.911	ng		97
56) 4-Nitrophenol	14.680	139	31973	46.002	ng		93
57) 2,4-Dinitrotoluene	14.827	165	60137	43.471	ng	#	94
58) Fluorene	15.509	166	161462	38.029	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	54855	42.944	ng	#	98
60) Diethylphthalate	15.285	149	196960	42.370	ng		99
61) 4-Chlorophenyl-phenyle...	15.509	204	85857	37.031	ng		96
62) 4-Nitroaniline	15.526	138	40482	43.968	ng		91
63) Azobenzene	15.797	77	141783	38.978	ng		98
65) 4,6-Dinitro-2-methylph...	15.591	198	39464	43.897	ng		97
66) n-Nitrosodiphenylamine	15.720	169	139664	39.880	ng		96
67) 4-Bromophenyl-phenylether	16.396	248	62724	40.789	ng		96
68) Hexachlorobenzene	16.519	284	71625	40.927	ng		94
69) Atrazine	16.672	200	67779	42.599	ng		96
70) Pentachlorophenol	16.860	266	47149	44.642	ng		94
71) Phenanthrene	17.248	178	285031	41.784	ng		98
72) Anthracene	17.336	178	290401	41.805	ng		98
73) Carbazole	17.606	167	268741	44.098	ng		95
74) Di-n-butylphthalate	18.170	149	360363	48.342	ng		97
75) Fluoranthene	19.257	202	413204	47.968	ng		98
77) Benzidine	19.439	184	140348	33.383	ng		98
78) Pyrene	19.616	202	430640	43.222	ng		99
80) Butylbenzylphthalate	20.515	149	162863	43.733	ng		95
81) Benzo(a)anthracene	21.413	228	444222	43.207	ng		96
82) 3,3'-Dichlorobenzidine	21.337	252	153291	43.353	ng		96
83) Chrysene	21.478	228	421262	43.265	ng		99
84) Bis(2-ethylhexyl)phtha...	21.337	149	232243	43.292	ng		97
85) Di-n-octyl phthalate	22.471	149	399868	43.849	ng		99
87) Indeno(1,2,3-cd)pyrene	27.812	276	533336	42.561	ng	#	94
88) Benzo(b)fluoranthene	23.488	252	446395	43.919	ng		98
89) Benzo(k)fluoranthene	23.546	252	431369	42.420	ng		98
90) Benzo(a)pyrene	24.287	252	403683	42.875	ng	#	98
91) Dibenzo(a,h)anthracene	27.859	278	433024	42.626	ng		98
92) Benzo(g,h,i)perylene	28.858	276	415465	42.584	ng		98

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

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