Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064463.D
Acq On : 29 Sep 2025 17:15
Operator : RC/JU
Sample : Q3181-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-A3-01-CMS

Quant Time: Sep 30 06:55:19 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	7.836	152	19975	20.000	ng		0.00
21) Naphthalene-d8	10.621	136	81974	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	58695	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	138960	20.000	ng	#	0.00
76) Chrysene-d12	21.431	240	157222	20.000	ng		0.00
86) Perylene-d12	24.422	264	170251	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.427	112	125205	119.780	ng		0.00
7) Phenol-d6	7.013	99	156315	109.155	ng		0.00
23) Nitrobenzene-d5	8.987	82	120326	79.550	ng		0.00
42) 2,4,6-Tribromophenol	15.950	330	147442	143.892	ng		0.00
45) 2-Fluorobiphenyl	13.082	172	323470	81.378	ng		0.00
79) Terphenyl-d14	19.822	244	736806	92.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.347	88	11820	26.947	ng	#	72
3) Pyridine	3.740	79	33212	28.085	ng		96
4) n-Nitrosodimethylamine	3.640	42	30811	34.109	ng		92
6) Aniline	7.160	93	54879	29.594	ng		96
8) 2-Chlorophenol	7.401	128	49526	37.871	ng		99
9) Benzaldehyde	6.972	77	24635	20.211	ng		88
10) Phenol	7.037	94	54549	35.181	ng		97
11) bis(2-Chloroethyl)ether	7.260	93	37488	36.008	ng		91
12) 1,3-Dichlorobenzene	7.724	146	51990	35.467	ng		97
13) 1,4-Dichlorobenzene	7.871	146	53195	35.525	ng		88
14) 1,2-Dichlorobenzene	8.188	146	50477	35.572	ng		99
15) Benzyl Alcohol	8.071	79	51217	37.957	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.364	45	60471	33.311	ng		95
17) 2-Methylphenol	8.276	107	42749	38.164	ng		96
18) Hexachloroethane	8.911	117	19502	34.520	ng		96
19) n-Nitroso-di-n-propyla...	8.641	70	37139	38.369	ng		98
20) 3+4-Methylphenols	8.605	107	58000	36.835	ng		96
22) Acetophenone	8.652	105	87183	44.424	ng	#	96
24) Nitrobenzene	9.028	77	59162	40.070	ng		92
25) Isophorone	9.551	82	105678	37.759	ng		97
26) 2-Nitrophenol	9.739	139	27528	37.877	ng		99
27) 2,4-Dimethylphenol	9.804	122	52066	44.417	ng		97
28) bis(2-Chloroethoxy)met...	10.033	93	54556	37.732	ng		94
29) 2,4-Dichlorophenol	10.274	162	54283	40.236	ng		90
30) 1,2,4-Trichlorobenzene	10.485	180	58868	40.795	ng		90
31) Naphthalene	10.673	128	197211	46.082	ng		98
32) Benzoic acid	9.957	122	34922	38.455	ng		90
33) 4-Chloroaniline	10.779	127	30069	19.207	ng		98
34) Hexachlorobutadiene	10.961	225	44411	36.131	ng		96
35) Caprolactam	11.555	113	17054m	38.312	ng		
36) 4-Chloro-3-methylphenol	11.907	107	70754	44.247	ng		99
37) 2-Methylnaphthalene	12.277	142	122762	37.989	ng		99
38) 1-Methylnaphthalene	12.501	142	127443	40.137	ng		98
40) 1,2,4,5-Tetrachloroben...	12.653	216	87592	46.825	ng		100
41) Hexachlorocyclopentadiene	12.630	237	76803	77.309	ng		97
43) 2,4,6-Trichlorophenol	12.888	196	54448	44.623	ng		91

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44) 2,4,5-Trichlorophenol	12.965	196	62585	47.022	ng		97
46) 1,1'-Biphenyl	13.294	154	200566	48.036	ng		99
47) 2-Chloronaphthalene	13.335	162	136169	42.909	ng		96
48) 2-Nitroaniline	13.541	65	51314	47.048	ng		99
49) Acenaphthylene	14.181	152	238744	50.676	ng		99
50) Dimethylphthalate	13.923	163	197268	43.994	ng		99
51) 2,6-Dinitrotoluene	14.034	165	45238	48.032	ng	#	87
52) Acenaphthene	14.528	154	148139	45.947	ng		94
53) 3-Nitroaniline	14.363	138	31933	35.781	ng		96
54) 2,4-Dinitrophenol	14.575	184	41840	66.892	ng		93
55) Dibenzofuran	14.863	168	243813	45.610	ng		98
56) 4-Nitrophenol	14.686	139	67131	92.930	ng		89
57) 2,4-Dinitrotoluene	14.827	165	70090	48.748	ng		100
58) Fluorene	15.509	166	215975	48.942	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	70234	52.902	ng		97
60) Diethylphthalate	15.286	149	219353	45.401	ng		98
61) 4-Chlorophenyl-phenyle...	15.503	204	107743	44.712	ng		99
62) 4-Nitroaniline	15.532	138	44974	46.997	ng		99
63) Azobenzene	15.797	77	181583	48.030	ng		98
65) 4,6-Dinitro-2-methylph...	15.591	198	39660	41.665	ng		95
66) n-Nitrosodiphenylamine	15.720	169	185452	50.013	ng		95
67) 4-Bromophenyl-phenylether	16.396	248	80523	49.455	ng		95
68) Hexachlorobenzene	16.514	284	93432	50.423	ng		97
69) Atrazine	16.672	200	83464	49.543	ng		97
70) Pentachlorophenol	16.854	266	115194	103.012	ng		99
71) Phenanthrene	17.242	178	367907	50.937	ng		97
72) Anthracene	17.336	178	366048	49.768	ng		98
73) Carbazole	17.606	167	330084	51.156	ng		99
74) Di-n-butylphthalate	18.171	149	387665	49.116	ng		99
75) Fluoranthene	19.257	202	447583	49.073	ng		99
77) Benzidine	19.440	184	144122	35.011	ng		99
78) Pyrene	19.616	202	466350	47.804	ng		98
80) Butylbenzylphthalate	20.515	149	177659	48.723	ng		96
81) Benzo(a)anthracene	21.414	228	498151	49.485	ng		97
82) 3,3'-Dichlorobenzidine	21.332	252	137678	39.768	ng		97
83) Chrysene	21.473	228	463987	48.669	ng		98
84) Bis(2-ethylhexyl)phtha...	21.337	149	260246	49.546	ng		97
85) Di-n-octyl phthalate	22.465	149	444584	49.792	ng		98
87) Indeno(1,2,3-cd)pyrene	27.795	276	585152	48.630	ng	#	94
88) Benzo(b)fluoranthene	23.482	252	489071	50.111	ng		97
89) Benzo(k)fluoranthene	23.541	252	499967	51.203	ng		95
90) Benzo(a)pyrene	24.287	252	465755	51.516	ng		99
91) Dibenzo(a,h)anthracene	27.853	278	482974	49.512	ng		96
92) Benzo(g,h,i)perylene	28.852	276	465256	49.662	ng		99

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

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