Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064464.D
Acq On : 29 Sep 2025 17:56
Operator : RC/JU
Sample : Q3181-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 30 06:56:06 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	21391	20.000	ng		0.00
21) Naphthalene-d8	10.621	136	90347	20.000	ng		0.00
39) Acenaphthene-d10	14.464	164	63956	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	144625	20.000	ng	#	0.00
76) Chrysene-d12	21.432	240	156999	20.000	ng	#	0.00
86) Perylene-d12	24.422	264	169717	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.427	112	135541	121.085	ng		0.00
7) Phenol-d6	7.013	99	168080	109.601	ng		0.00
23) Nitrobenzene-d5	8.988	82	130904	78.523	ng		0.00
42) 2,4,6-Tribromophenol	15.950	330	140539	125.873	ng		0.00
45) 2-Fluorobiphenyl	13.083	172	340199	78.547	ng		0.00
79) Terphenyl-d14	19.822	244	694420	87.192	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.347	88	12344	26.279	ng	#	66
3) Pyridine	3.747	79	34436	27.193	ng		95
4) n-Nitrosodimethylamine	3.647	42	32258	33.347	ng	#	96
6) Aniline	7.166	93	57472	28.941	ng		96
8) 2-Chlorophenol	7.401	128	51443	36.733	ng		95
9) Benzaldehyde	6.972	77	25146	19.264	ng		97
10) Phenol	7.037	94	59864	36.053	ng		97
11) bis(2-Chloroethyl)ether	7.260	93	39950	35.832	ng		93
12) 1,3-Dichlorobenzene	7.724	146	55437	35.315	ng		96
13) 1,4-Dichlorobenzene	7.871	146	55306m	34.490	ng		
14) 1,2-Dichlorobenzene	8.183	146	56867	37.422	ng		99
15) Benzyl Alcohol	8.071	79	55572	38.459	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.353	45	65888	33.892	ng		99
17) 2-Methylphenol	8.283	107	45819	38.197	ng		96
18) Hexachloroethane	8.911	117	21416	35.399	ng		97
19) n-Nitroso-di-n-propyla...	8.635	70	38741	37.375	ng	#	93
20) 3+4-Methylphenols	8.606	107	63356	37.573	ng		99
22) Acetophenone	8.653	105	94477	43.679	ng	#	92
24) Nitrobenzene	9.029	77	63387	38.953	ng		99
25) Isophorone	9.552	82	111217	36.055	ng		98
26) 2-Nitrophenol	9.740	139	30319	37.851	ng		95
27) 2,4-Dimethylphenol	9.798	122	56676	43.869	ng		94
28) bis(2-Chloroethoxy)met...	10.033	93	58427	36.665	ng		94
29) 2,4-Dichlorophenol	10.274	162	57628	38.757	ng		95
30) 1,2,4-Trichlorobenzene	10.486	180	62196	39.106	ng		96
31) Naphthalene	10.674	128	207714	44.038	ng		99
32) Benzoic acid	9.945	122	28570	28.545	ng	#	81
33) 4-Chloroaniline	10.780	127	34368	19.919	ng		93
34) Hexachlorobutadiene	10.962	225	48700	35.948	ng		96
35) Caprolactam	11.555	113	17355m	35.374	ng		
36) 4-Chloro-3-methylphenol	11.908	107	72079	40.898	ng		96
37) 2-Methylnaphthalene	12.284	142	131437	36.904	ng		95
38) 1-Methylnaphthalene	12.501	142	136082	38.886	ng		99
40) 1,2,4,5-Tetrachloroben...	12.654	216	91920	45.097	ng		99
41) Hexachlorocyclopentadiene	12.636	237	79693	73.619	ng		97
43) 2,4,6-Trichlorophenol	12.895	196	55441	41.699	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.965	196	64592	44.538	ng		97
46) 1,1'-Biphenyl	13.294	154	209884	46.133	ng		96
47) 2-Chloronaphthalene	13.335	162	141044	40.789	ng		97
48) 2-Nitroaniline	13.541	65	52855	44.475	ng		95
49) Acenaphthylene	14.182	152	243722	47.477	ng		98
50) Dimethylphthalate	13.923	163	204599	41.875	ng		99
51) 2,6-Dinitrotoluene	14.040	165	45597	44.431	ng		98
52) Acenaphthene	14.522	154	151349	43.082	ng		99
53) 3-Nitroaniline	14.364	138	31478	32.370	ng		98
54) 2,4-Dinitrophenol	14.575	184	33885	49.717	ng		92
55) Dibenzofuran	14.863	168	247914	42.562	ng		100
56) 4-Nitrophenol	14.687	139	63101	80.166	ng		92
57) 2,4-Dinitrotoluene	14.828	165	69636	44.448	ng	#	93
58) Fluorene	15.509	166	213640	44.431	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	66813	46.186	ng	#	98
60) Diethylphthalate	15.286	149	217359	41.287	ng		95
61) 4-Chlorophenyl-phenyle...	15.503	204	108428	41.295	ng		97
62) 4-Nitroaniline	15.533	138	44380	42.562	ng		93
63) Azobenzene	15.797	77	177235	43.023	ng		99
65) 4,6-Dinitro-2-methylph...	15.592	198	35704	36.039	ng		95
66) n-Nitrosodiphenylamine	15.715	169	179647	46.549	ng		94
67) 4-Bromophenyl-phenylether	16.397	248	78304	46.208	ng		96
68) Hexachlorobenzene	16.514	284	89609	46.465	ng		98
69) Atrazine	16.667	200	79737	45.477	ng		98
70) Pentachlorophenol	16.855	266	101065	86.837	ng		99
71) Phenanthrene	17.243	178	356316	47.400	ng		99
72) Anthracene	17.337	178	358066	46.776	ng		99
73) Carbazole	17.601	167	309348	46.064	ng		97
74) Di-n-butylphthalate	18.171	149	365547	44.500	ng		99
75) Fluoranthene	19.252	202	425397	44.814	ng		98
77) Benzidine	19.440	184	126901	30.872	ng		99
78) Pyrene	19.616	202	439332	45.098	ng		98
80) Butylbenzylphthalate	20.509	149	166385	45.696	ng		98
81) Benzo(a)anthracene	21.408	228	465594	46.317	ng		97
82) 3,3'-Dichlorobenzidine	21.332	252	123074	35.600	ng		99
83) Chrysene	21.473	228	436448	45.845	ng		98
84) Bis(2-ethylhexyl)phtha...	21.332	149	235878	44.971	ng		98
85) Di-n-octyl phthalate	22.466	149	406720	45.616	ng		99
87) Indeno(1,2,3-cd)pyrene	27.789	276	553829	46.172	ng	#	94
88) Benzo(b)fluoranthene	23.476	252	470574	48.367	ng		100
89) Benzo(k)fluoranthene	23.541	252	457234	46.974	ng		98
90) Benzo(a)pyrene	24.281	252	442415	49.089	ng		98
91) Dibenzo(a,h)anthracene	27.848	278	450678	46.346	ng		97
92) Benzo(g,h,i)perylene	28.841	276	436466	46.736	ng		98

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

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