Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064710.D
Acq On : 6 Nov 2025 19:52
Operator : RC/JU
Sample : Q3532-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 07 00:33:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	31708	20.000	ng	-0.02
21) Naphthalene-d8	11.027	136	118781	20.000	ng	#-0.02
39) Acenaphthene-d10	14.823	164	99919	20.000	ng	-0.02
64) Phenanthrene-d10	17.561	188	234951	20.000	ng	#-0.02
76) Chrysene-d12	21.832	240	286587	20.000	ng	#-0.03
86) Perylene-d12	25.158	264	312238	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	253625	134.259	ng	-0.02
7) Phenol-d6	7.343	99	317469	122.471	ng	0.00
23) Nitrobenzene-d5	9.365	82	239825	121.270	ng	-0.02
42) 2,4,6-Tribromophenol	16.304	330	288032	199.727	ng	-0.02
45) 2-Fluorobiphenyl	13.454	172	657771	99.782	ng	-0.02
79) Terphenyl-d14	20.146	244	1552287	102.218	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.577	88	26914	32.181	ng	# 81
3) Pyridine	3.994	79	70461	28.055	ng	99
4) n-Nitrosodimethylamine	3.889	42	48743	36.190	ng	89
6) Aniline	7.514	93	68656	19.464	ng	97
8) 2-Chlorophenol	7.761	128	91914	46.485	ng	98
9) Benzaldehyde	7.326	77	53540	37.833	ng	93
10) Phenol	7.367	94	111399	38.859	ng	93
11) bis(2-Chloroethyl)ether	7.608	93	80853	38.361	ng	96
12) 1,3-Dichlorobenzene	8.090	146	92847	40.798	ng	99
13) 1,4-Dichlorobenzene	8.237	146	97246	42.025	ng	97
14) 1,2-Dichlorobenzene	8.560	146	93562	41.919	ng	96
15) Benzyl Alcohol	8.430	79	95150	44.513	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.724	45	206559	37.361	ng	99
17) 2-Methylphenol	8.636	107	86380	45.383	ng	97
18) Hexachloroethane	9.300	117	34349	42.299	ng	93
19) n-Nitroso-di-n-propyla...	9.006	70	76768	42.852	ng	96
20) 3+4-Methylphenols	8.965	107	119096	44.493	ng	97
22) Acetophenone	9.024	105	156812	48.294	ng	96
24) Nitrobenzene	9.406	77	115637	53.760	ng	97
25) Isophorone	9.935	82	221644	46.707	ng	99
26) 2-Nitrophenol	10.123	139	53105	62.945	ng	96
27) 2,4-Dimethylphenol	10.175	122	95843	54.297	ng	99
28) bis(2-Chloroethoxy)met...	10.410	93	121860	45.102	ng	99
29) 2,4-Dichlorophenol	10.663	162	107544	56.613	ng	95
30) 1,2,4-Trichlorobenzene	10.886	180	117912	54.630	ng	99
31) Naphthalene	11.074	128	307797	46.738	ng	100
32) Benzoic acid	10.287	122	34003m	28.020	ng	
33) 4-Chloroaniline	11.174	127	14853	5.803	ng	# 94
34) Hexachlorobutadiene	11.368	225	92882	55.026	ng	98
35) Caprolactam	11.944	113	26853m	36.856	ng	
36) 4-Chloro-3-methylphenol	12.279	107	121967	53.414	ng	98
37) 2-Methylnaphthalene	12.667	142	217329	44.948	ng	98
38) 1-Methylnaphthalene	12.884	142	230651	48.187	ng	95
40) 1,2,4,5-Tetrachloroben...	13.031	216	182100	54.304	ng	99
41) Hexachlorocyclopentadiene	13.019	237	206682	136.933	ng	97
43) 2,4,6-Trichlorophenol	13.260	196	113645	59.247	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.331	196	129109	58.327	ng		96
46) 1,1'-Biphenyl	13.665	154	346497	48.778	ng		97
47) 2-Chloronaphthalene	13.707	162	261944	48.852	ng		99
48) 2-Nitroaniline	13.895	65	96307	53.133	ng		98
49) Acenaphthylene	14.547	152	472645	55.884	ng		98
50) Dimethylphthalate	14.271	163	389715	50.971	ng		99
51) 2,6-Dinitrotoluene	14.382	165	80193	62.531	ng		97
52) Acenaphthene	14.888	154	305557	52.880	ng		96
53) 3-Nitroaniline	14.711	138	27643	21.038	ng		98
54) 2,4-Dinitrophenol	14.917	184	68455	87.841	ng	#	38
55) Dibenzofuran	15.222	168	475019	50.849	ng		98
56) 4-Nitrophenol	15.011	139	107667	88.380	ng		91
57) 2,4-Dinitrotoluene	15.170	165	117420	59.423	ng		93
58) Fluorene	15.863	166	372054	50.997	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.440	232	136691	64.578	ng		96
60) Diethylphthalate	15.628	149	382923	49.050	ng		98
61) 4-Chlorophenyl-phenyle...	15.851	204	223668	54.629	ng		97
62) 4-Nitroaniline	15.869	138	76155	52.096	ng		92
63) Azobenzene	16.145	77	323060	45.101	ng		97
65) 4,6-Dinitro-2-methylph...	15.933	198	62719	59.233	ng		98
66) n-Nitrosodiphenylamine	16.063	169	340157	53.596	ng		98
67) 4-Bromophenyl-phenylether	16.744	248	165704	59.515	ng		95
68) Hexachlorobenzene	16.868	284	192684	60.661	ng		94
69) Atrazine	17.003	200	156738	57.388	ng		98
70) Pentachlorophenol	17.208	266	187238	94.529	ng		91
71) Phenanthrene	17.602	178	672690	52.355	ng		99
72) Anthracene	17.696	178	685998	52.486	ng		100
73) Carbazole	17.955	167	580142	50.336	ng		100
74) Di-n-butylphthalate	18.507	149	654147	49.082	ng		98
75) Fluoranthene	19.600	202	858894	53.361	ng		97
77) Benzidine	19.764	184	113914	17.742	ng		97
78) Pyrene	19.958	202	888956	47.477	ng		99
80) Butylbenzylphthalate	20.828	149	300130	53.035	ng		94
81) Benzo(a)anthracene	21.809	228	1000698	52.662	ng		99
82) 3,3'-Dichlorobenzidine	21.715	252	147670	23.272	ng	#	98
83) Chrysene	21.879	228	942714	52.138	ng		98
84) Bis(2-ethylhexyl)phtha...	21.709	149	437420	51.729	ng	#	97
85) Di-n-octyl phthalate	22.960	149	759031	53.240	ng		95
87) Indeno(1,2,3-cd)pyrene	28.971	276	1268018	55.205	ng	#	95
88) Benzo(b)fluoranthene	24.100	252	1038072	54.218	ng	#	98
89) Benzo(k)fluoranthene	24.171	252	1037831m	54.168	ng		
90) Benzo(a)pyrene	24.999	252	991461	56.334	ng	#	98
91) Dibenzo(a,h)anthracene	29.042	278	1038052	55.627	ng	#	96
92) Benzo(g,h,i)perylene	30.158	276	1004336	56.340	ng	#	96

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

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