Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
Data File : BG064731.D
Acq On : 10 Nov 2025 13:26
Operator : RC/JU
Sample : Q3562-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-03-110625MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 11/11/2025
Supervised By :Jagrut Upadhyay 11/11/2025

Quant Time: Nov 10 14:03:19 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	8.205	152	44450	20.000	ng		-0.02
21) Naphthalene-d8	11.031	136	173629	20.000	ng		#-0.02
39) Acenaphthene-d10	14.827	164	135145	20.000	ng		-0.02
64) Phenanthrene-d10	17.565	188	295400	20.000	ng		#-0.02
76) Chrysene-d12	21.836	240	335587	20.000	ng		#-0.02
86) Perylene-d12	25.173	264	378588	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.737	112	153144	57.829	ng		-0.01
7) Phenol-d6	7.341	99	209768	57.725	ng		-0.01
23) Nitrobenzene-d5	9.368	82	140228	48.508	ng		-0.02
42) 2,4,6-Tribromophenol	16.307	330	155298	79.618	ng		-0.01
45) 2-Fluorobiphenyl	13.452	172	392836	44.059	ng		-0.02
79) Terphenyl-d14	20.150	244	751555	42.264	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.563	88	26745	22.812	ng		100
3) Pyridine	3.975	79	77405	21.985	ng		97
4) n-Nitrosodimethylamine	3.881	42	53368	28.265	ng		89
6) Aniline	7.518	93	75090	15.186	ng		98
8) 2-Chlorophenol	7.764	128	120463	43.459	ng		92
9) Benzaldehyde	7.324	77	64771	32.649	ng		98
10) Phenol	7.371	94	154798	38.519	ng		95
11) bis(2-Chloroethyl)ether	7.606	93	98483	33.331	ng		95
12) 1,3-Dichlorobenzene	8.093	146	129005	40.436	ng		97
13) 1,4-Dichlorobenzene	8.240	146	132106	40.724	ng		94
14) 1,2-Dichlorobenzene	8.563	146	127768	40.835	ng		98
15) Benzyl Alcohol	8.434	79	114373	38.168	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.728	45	241493	31.159	ng		94
17) 2-Methylphenol	8.640	107	110571	41.440	ng		98
18) Hexachloroethane	9.304	117	50060	43.975	ng	#	85
19) n-Nitroso-di-n-propyla...	9.010	70	90218	35.924	ng		90
20) 3+4-Methylphenols	8.969	107	146899	39.148	ng		99
22) Acetophenone	9.028	105	184916	38.960	ng		92
24) Nitrobenzene	9.410	77	138736	44.124	ng		93
25) Isophorone	9.938	82	252746	36.436	ng		98
26) 2-Nitrophenol	10.126	139	69177	56.434	ng	#	92
27) 2,4-Dimethylphenol	10.179	122	120547	46.719	ng		99
28) bis(2-Chloroethoxy)met...	10.414	93	145035	36.723	ng		99
29) 2,4-Dichlorophenol	10.667	162	131166	47.236	ng		97
30) 1,2,4-Trichlorobenzene	10.890	180	158523	50.245	ng		99
31) Naphthalene	11.078	128	393288	40.854	ng		99
32) Benzoic acid	10.320	122	82301	42.645	ng		96
33) 4-Chloroaniline	11.172	127	55923	14.946	ng		96
34) Hexachlorobutadiene	11.372	225	129986	52.681	ng		98
35) Caprolactam	11.948	113	36010m	33.811	ng		
36) 4-Chloro-3-methylphenol	12.283	107	141473	42.385	ng		98
37) 2-Methylnaphthalene	12.670	142	267372	37.830	ng		99
38) 1-Methylnaphthalene	12.888	142	276235	39.480	ng		100
40) 1,2,4,5-Tetrachloroben...	13.035	216	228066	50.284	ng		99
41) Hexachlorocyclopentadiene	13.017	237	194660	95.352	ng		97
43) 2,4,6-Trichlorophenol	13.264	196	134157	51.711	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.340	196	149333	49.879	ng		96
46) 1,1'-Biphenyl	13.663	154	405532	42.208	ng		96
47) 2-Chloronaphthalene	13.710	162	309278	42.645	ng		99
48) 2-Nitroaniline	13.898	65	104642	43.317	ng		96
49) Acenaphthylene	14.551	152	534059	46.686	ng		99
50) Dimethylphthalate	14.274	163	409301	39.579	ng		99
51) 2,6-Dinitrotoluene	14.386	165	83398	48.817	ng		98
52) Acenaphthene	14.891	154	353270	45.201	ng		98
53) 3-Nitroaniline	14.715	138	59410	33.429	ng	#	95
54) 2,4-Dinitrophenol	14.921	184	95252	90.208	ng	#	36
55) Dibenzofuran	15.220	168	513217	40.618	ng		99
56) 4-Nitrophenol	15.015	139	130405	79.143	ng		90
57) 2,4-Dinitrotoluene	15.173	165	120608	45.861	ng		90
58) Fluorene	15.867	166	401029	40.641	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.444	232	146890	51.308	ng		97
60) Diethylphthalate	15.626	149	389333	36.872	ng		99
61) 4-Chlorophenyl-phenyle...	15.855	204	237047	42.806	ng		98
62) 4-Nitroaniline	15.873	138	78430	39.668	ng		90
63) Azobenzene	16.149	77	357228	36.872	ng		96
65) 4,6-Dinitro-2-methylph...	15.931	198	71197	54.007	ng		99
66) n-Nitrosodiphenylamine	16.066	169	350751	43.956	ng		99
67) 4-Bromophenyl-phenylether	16.748	248	169383	48.387	ng		96
68) Hexachlorobenzene	16.871	284	202670	50.749	ng		95
69) Atrazine	17.007	200	160784	46.823	ng		98
70) Pentachlorophenol	17.212	266	239494	96.169	ng		94
71) Phenanthrene	17.606	178	743371	46.017	ng		100
72) Anthracene	17.700	178	702497	42.750	ng		99
73) Carbazole	17.958	167	576132	39.759	ng		100
74) Di-n-butylphthalate	18.511	149	646308	38.570	ng		98
75) Fluoranthene	19.603	202	1034950	51.141	ng		96
77) Benzidine	19.768	184	102812	13.674	ng		98
78) Pyrene	19.962	202	1059107	48.305	ng		100
80) Butylbenzylphthalate	20.831	149	280057	42.262	ng		95
81) Benzo(a)anthracene	21.819	228	1096721	49.288	ng		99
82) 3,3'-Dichlorobenzidine	21.719	252	143470	19.308	ng		98
83) Chrysene	21.883	228	1029341	48.617	ng		99
84) Bis(2-ethylhexyl)phtha...	21.713	149	402679	40.667	ng	#	96
85) Di-n-octyl phthalate	22.970	149	702454	42.077	ng		95
87) Indeno(1,2,3-cd)pyrene	29.010	276	1172698	42.107	ng	#	90
88) Benzo(b)fluoranthene	24.116	252	1142315	49.206	ng	#	98
89) Benzo(k)fluoranthene	24.186	252	1103146	47.486	ng	#	94
90) Benzo(a)pyrene	25.021	252	1081642	50.687	ng	#	98
91) Dibenzo(a,h)anthracene	29.075	278	848211	37.488	ng	#	98
92) Benzo(g,h,i)perylene	30.203	276	824459	38.144	ng	#	95

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

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