Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064591.D
Acq On : 27 Oct 2025 17:25
Operator : RC/JU
Sample : Q3439-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-10MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 01:21:51 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	8.217	152	38243	20.000	ng		0.00
21) Naphthalene-d8	11.043	136	154553	20.000	ng		0.00
39) Acenaphthene-d10	14.839	164	118865	20.000	ng		0.00
64) Phenanthrene-d10	17.577	188	281370	20.000	ng		0.00
76) Chrysene-d12	21.854	240	304154	20.000	ng		0.00
86) Perylene-d12	25.197	264	332284	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.750	112	232916	102.227	ng		0.00
7) Phenol-d6	7.354	99	304372	97.354	ng		0.00
23) Nitrobenzene-d5	9.381	82	167086	64.933	ng		0.00
42) 2,4,6-Tribromophenol	16.320	330	173458	101.108	ng		0.00
45) 2-Fluorobiphenyl	13.470	172	478406	61.005	ng		0.00
79) Terphenyl-d14	20.168	244	988689	61.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	38664	38.330	ng		98
3) Pyridine	3.993	79	105787	34.923	ng		98
4) n-Nitrosodimethylamine	3.899	42	70692	43.518	ng		97
6) Aniline	7.530	93	111165	26.130	ng		98
8) 2-Chlorophenol	7.777	128	126517	53.051	ng		100
9) Benzaldehyde	7.336	77	59919	35.105	ng		95
10) Phenol	7.377	94	176658	51.093	ng		97
11) bis(2-Chloroethyl)ether	7.624	93	113991	44.841	ng		98
12) 1,3-Dichlorobenzene	8.111	146	131825	48.027	ng		96
13) 1,4-Dichlorobenzene	8.252	146	135732	48.633	ng		96
14) 1,2-Dichlorobenzene	8.576	146	127704	47.439	ng		97
15) Benzyl Alcohol	8.446	79	130048	50.443	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.746	45	308901	46.325	ng		99
17) 2-Methylphenol	8.646	107	119631	52.112	ng		98
18) Hexachloroethane	9.322	117	46568	47.547	ng		98
19) n-Nitroso-di-n-propyla...	9.028	70	103937	48.103	ng		97
20) 3+4-Methylphenols	8.975	107	159656	49.453	ng		98
22) Acetophenone	9.040	105	223522	52.906	ng	#	100
24) Nitrobenzene	9.422	77	144109	51.490	ng		99
25) Isophorone	9.956	82	291079	47.142	ng		99
26) 2-Nitrophenol	10.144	139	52682	48.735	ng		94
27) 2,4-Dimethylphenol	10.191	122	131410	57.216	ng		98
28) bis(2-Chloroethoxy)met...	10.432	93	168975	48.065	ng		98
29) 2,4-Dichlorophenol	10.679	162	132000	53.404	ng		99
30) 1,2,4-Trichlorobenzene	10.902	180	143468	51.085	ng		99
31) Naphthalene	11.096	128	408198	47.637	ng		100
32) Benzoic acid	10.327	122	91977	51.841	ng		94
33) 4-Chloroaniline	11.184	127	42274	12.693	ng		98
34) Hexachlorobutadiene	11.390	225	103827	47.273	ng		92
35) Caprolactam	11.948	113	42756m	45.101	ng		
36) 4-Chloro-3-methylphenol	12.295	107	150753	50.740	ng		99
37) 2-Methylnaphthalene	12.688	142	277925	44.177	ng		98
38) 1-Methylnaphthalene	12.906	142	288664	46.349	ng		97
40) 1,2,4,5-Tetrachloroben...	13.053	216	216203	54.197	ng		99
41) Hexachlorocyclopentadiene	13.035	237	244687	136.273	ng		98
43) 2,4,6-Trichlorophenol	13.276	196	126708	55.528	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.347	196	139830	53.102	ng		99
46) 1,1'-Biphenyl	13.681	154	458987	54.315	ng		98
47) 2-Chloronaphthalene	13.728	162	310665	48.704	ng		99
48) 2-Nitroaniline	13.911	65	105234	49.067	ng		96
49) Acenaphthylene	14.569	152	560025	55.662	ng		98
50) Dimethylphthalate	14.287	163	435033	47.829	ng		99
51) 2,6-Dinitrotoluene	14.398	165	82691	54.626	ng		97
52) Acenaphthene	14.909	154	358851	52.204	ng		97
53) 3-Nitroaniline	14.727	138	42092	26.928	ng	#	95
54) 2,4-Dinitrophenol	14.933	184	90927	97.430	ng	#	34
55) Dibenzofuran	15.238	168	538020	48.413	ng		98
56) 4-Nitrophenol	15.021	139	154795	106.812	ng		96
57) 2,4-Dinitrotoluene	15.186	165	118466	50.860	ng	#	98
58) Fluorene	15.885	166	421871	48.608	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.456	232	141378	56.146	ng		98
60) Diethylphthalate	15.644	149	438111	47.174	ng		99
61) 4-Chlorophenyl-phenyle...	15.873	204	234514	48.149	ng		100
62) 4-Nitroaniline	15.885	138	88677	50.993	ng		96
63) Azobenzene	16.167	77	456132	53.529	ng		99
65) 4,6-Dinitro-2-methylph...	15.943	198	64395	51.557	ng		95
66) n-Nitrosodiphenylamine	16.084	169	386929	50.908	ng		99
67) 4-Bromophenyl-phenylether	16.766	248	164166	49.235	ng		98
68) Hexachlorobenzene	16.889	284	189325	49.771	ng		99
69) Atrazine	17.025	200	164862	50.404	ng		98
70) Pentachlorophenol	17.224	266	252462	106.431	ng		93
71) Phenanthrene	17.624	178	754132	49.011	ng		99
72) Anthracene	17.712	178	770848	49.248	ng		99
73) Carbazole	17.971	167	669776	48.526	ng		100
74) Di-n-butylphthalate	18.529	149	763539	47.839	ng		99
75) Fluoranthene	19.616	202	907995	47.105	ng		99
77) Benzidine	19.780	184	194912	28.603	ng		98
78) Pyrene	19.974	202	959415	48.280	ng		99
80) Butylbenzylphthalate	20.849	149	326982	54.443	ng		99
81) Benzo(a)anthracene	21.837	228	1001336	49.652	ng		100
82) 3,3'-Dichlorobenzidine	21.737	252	144619	21.474	ng		98
83) Chrysene	21.901	228	940262	48.999	ng		99
84) Bis(2-ethylhexyl)phtha...	21.743	149	469605	52.327	ng		99
85) Di-n-octyl phthalate	23.006	149	803459	53.101	ng		98
87) Indeno(1,2,3-cd)pyrene	29.040	276	1219199	49.877	ng		99
88) Benzo(b)fluoranthene	24.134	252	988760	48.527	ng		99
89) Benzo(k)fluoranthene	24.210	252	1040885	51.050	ng		97
90) Benzo(a)pyrene	25.045	252	966919	51.625	ng		99
91) Dibenzo(a,h)anthracene	29.110	278	1005793	50.647	ng		98
92) Benzo(g,h,i)perylene	30.233	276	977591	51.532	ng		98

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

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