Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
Data File : BG064789.D
Acq On : 17 Nov 2025 18:04
Operator : RC/JU
Sample : Q3628-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 18 00:21:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-5MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.169	152	38070	20.000	ng		0.00
21) Naphthalene-d8	10.983	136	147064	20.000	ng		0.00
39) Acenaphthene-d10	14.773	164	121996	20.000	ng		0.00
64) Phenanthrene-d10	17.505	188	296618	20.000	ng		0.00
76) Chrysene-d12	21.753	240	359428	20.000	ng		0.00
86) Perylene-d12	25.020	264	372183	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.707	112	293930	134.821	ng		0.00
7) Phenol-d6	7.311	99	365126	125.919	ng		0.00
23) Nitrobenzene-d5	9.326	82	279575	93.993	ng		0.00
42) 2,4,6-Tribromophenol	16.254	330	337120	141.689	ng		0.00
45) 2-Fluorobiphenyl	13.410	172	755696	86.434	ng		0.00
79) Terphenyl-d14	20.090	244	1661893	90.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.539	88	30481	36.114	ng	#	59
3) Pyridine	3.956	79	81850	32.548	ng		97
4) n-Nitrosodimethylamine	3.850	42	48316	37.749	ng	#	89
6) Aniline	7.481	93	46672	12.075	ng		98
8) 2-Chlorophenol	7.728	128	108622	45.375	ng		99
9) Benzaldehyde	7.288	77	59474	31.333	ng		99
10) Phenol	7.340	94	127627	40.453	ng		94
11) bis(2-Chloroethyl)ether	7.570	93	94253	41.983	ng		99
12) 1,3-Dichlorobenzene	8.057	146	110158	39.991	ng		97
13) 1,4-Dichlorobenzene	8.204	146	115988	41.352	ng		97
14) 1,2-Dichlorobenzene	8.521	146	115020	42.292	ng		98
15) Benzyl Alcohol	8.398	79	110008	46.219	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.692	45	206228	38.809	ng		97
17) 2-Methylphenol	8.604	107	99643	44.636	ng		97
18) Hexachloroethane	9.262	117	41536	39.098	ng		97
19) n-Nitroso-di-n-propyla...	8.968	70	86540	44.139	ng		95
20) 3+4-Methylphenols	8.933	107	136803	44.733	ng		95
22) Acetophenone	8.986	105	179745	44.861	ng	#	99
24) Nitrobenzene	9.368	77	134325	44.695	ng		96
25) Isophorone	9.896	82	248915	43.945	ng		98
26) 2-Nitrophenol	10.084	139	64393	47.635	ng		97
27) 2,4-Dimethylphenol	10.137	122	112838	46.985	ng		96
28) bis(2-Chloroethoxy)met...	10.372	93	142296	45.760	ng		97
29) 2,4-Dichlorophenol	10.625	162	127883	49.598	ng		97
30) 1,2,4-Trichlorobenzene	10.842	180	139519	44.812	ng		97
31) Naphthalene	11.030	128	351305	42.139	ng		99
32) Benzoic acid	10.266	122	78723	46.636	ng		95
33) 4-Chloroaniline	11.130	127	8251	2.474	ng	#	89
34) Hexachlorobutadiene	11.318	225	110058	41.199	ng		100
35) Caprolactam	11.894	113	32312m	41.899	ng		
36) 4-Chloro-3-methylphenol	12.241	107	136319	47.501	ng		98
37) 2-Methylnaphthalene	12.623	142	243257	38.992	ng		99
38) 1-Methylnaphthalene	12.840	142	256377	41.370	ng		98
40) 1,2,4,5-Tetrachloroben...	12.987	216	207523	43.710	ng		99
41) Hexachlorocyclopentadiene	12.969	237	260288	76.487	ng		97
43) 2,4,6-Trichlorophenol	13.216	196	132816	47.664	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.286	196	150448	48.139	ng		98
46)	1,1'-Biphenyl	13.615	154	380785	43.458	ng		96
47)	2-Chloronaphthalene	13.662	162	296930	43.014	ng		99
48)	2-Nitroaniline	13.850	65	107795	48.550	ng		96
49)	Acenaphthylene	14.503	152	525028	44.519	ng		99
50)	Dimethylphthalate	14.221	163	447341	46.420	ng		99
51)	2,6-Dinitrotoluene	14.338	165	91195	49.178	ng		98
52)	Acenaphthene	14.838	154	359438	50.832	ng		99
53)	3-Nitroaniline	14.667	138	15171	8.289	ng		86
54)	2,4-Dinitrophenol	14.867	184	113835	88.584	ng		93
55)	Dibenzofuran	15.172	168	518334	44.339	ng		97
56)	4-Nitrophenol	14.967	139	134931	92.921	ng		94
57)	2,4-Dinitrotoluene	15.120	165	135152	48.615	ng		97
58)	Fluorene	15.813	166	406733	44.361	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.390	232	153046	49.633	ng		98
60)	Diethylphthalate	15.578	149	425730	46.116	ng		97
61)	4-Chlorophenyl-phenyle...	15.801	204	242945	44.152	ng		99
62)	4-Nitroaniline	15.819	138	80939	42.688	ng		95
63)	Azobenzene	16.095	77	352838	45.951	ng		97
65)	4,6-Dinitro-2-methylph...	15.878	198	87453	53.102	ng		96
66)	n-Nitrosodiphenylamine	16.013	169	374445	48.195	ng		100
67)	4-Bromophenyl-phenylether	16.694	248	182957	46.969	ng		97
68)	Hexachlorobenzene	16.818	284	214996	45.557	ng		96
69)	Atrazine	16.953	200	178338	47.609	ng		97
70)	Pentachlorophenol	17.153	266	272679	96.284	ng		98
71)	Phenanthrene	17.546	178	735617	45.327	ng		99
72)	Anthracene	17.640	178	755719	45.667	ng		99
73)	Carbazole	17.899	167	660094	46.401	ng		100
74)	Di-n-butylphthalate	18.451	149	761598	47.986	ng		99
75)	Fluoranthene	19.538	202	964064	43.442	ng		99
77)	Benzidine	19.708	184	231736	21.528	ng		99
78)	Pyrene	19.902	202	1002417	49.761	ng		99
80)	Butylbenzylphthalate	20.766	149	345269	48.729	ng		98
81)	Benzo(a)anthracene	21.735	228	1099585	44.992	ng		99
82)	3,3'-Dichlorobenzidine	21.641	252	116471	12.948	ng		99
83)	Chrysene	21.806	228	1035905	44.959	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.635	149	489375	47.265	ng		99
85)	Di-n-octyl phthalate	22.858	149	816465	45.619	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.751	276	1219709	47.700	ng	#	97
88)	Benzo(b)fluoranthene	23.980	252	1071123	45.223	ng		100
89)	Benzo(k)fluoranthene	24.050	252	1096705	46.089	ng		99
90)	Benzo(a)pyrene	24.867	252	1011213	46.025	ng		99
91)	Dibenzo(a,h)anthracene	28.815	278	1011243	48.275	ng	#	96
92)	Benzo(g,h,i)perylene	29.920	276	972043	48.216	ng		97

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

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