Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120925\
Data File : BG064911.D
Acq On : 9 Dec 2025 19:03
Operator : RC/JU
Sample : Q3795-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11966MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/10/2025
Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 10 00:15:00 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.153	152	17886	20.000	ng		-0.01
21) Naphthalene-d8	10.968	136	73614	20.000	ng		#-0.02
39) Acenaphthene-d10	14.763	164	64830	20.000	ng		-0.01
64) Phenanthrene-d10	17.495	188	160507	20.000	ng		# 0.00
76) Chrysene-d12	21.743	240	199773	20.000	ng		#-0.01
86) Perylene-d12	24.992	264	214988	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	135935	132.714	ng		0.00
7) Phenol-d6	7.301	99	169345	124.306	ng		0.00
23) Nitrobenzene-d5	9.317	82	124309	83.492	ng		-0.01
42) 2,4,6-Tribromophenol	16.244	330	229904	181.831	ng		0.00
45) 2-Fluorobiphenyl	13.394	172	429672	92.479	ng		-0.01
79) Terphenyl-d14	20.080	244	1096431	107.962	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.523	88	11085	27.955	ng	#	68
3) Pyridine	3.940	79	44761	37.885	ng		97
4) n-Nitrosodimethylamine	3.835	42	24536	40.802	ng		96
6) Aniline	7.472	93	20335	11.198	ng		99
8) 2-Chlorophenol	7.713	128	52416	46.605	ng		90
9) Benzaldehyde	7.278	77	16705	18.732	ng		94
10) Phenol	7.325	94	59828	40.363	ng		92
11) bis(2-Chloroethyl)ether	7.560	93	38590	36.586	ng		94
12) 1,3-Dichlorobenzene	8.042	146	48532	37.501	ng		97
13) 1,4-Dichlorobenzene	8.188	146	49377	37.470	ng		94
14) 1,2-Dichlorobenzene	8.512	146	51721	40.478	ng		98
15) Benzyl Alcohol	8.382	79	47552	42.524	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.670	45	80738	32.339	ng		97
17) 2-Methylphenol	8.588	107	46648	44.477	ng		93
18) Hexachloroethane	9.246	117	18640	37.346	ng		90
19) n-Nitroso-di-n-propyla...	8.952	70	38074	41.334	ng	#	98
20) 3+4-Methylphenols	8.911	107	68228	47.486	ng		95
22) Acetophenone	8.976	105	80922	40.349	ng	#	98
24) Nitrobenzene	9.358	77	60778	40.401	ng		97
25) Isophorone	9.881	82	114622	40.427	ng		98
26) 2-Nitrophenol	10.074	139	31919	47.171	ng		96
27) 2,4-Dimethylphenol	10.127	122	56711	47.176	ng		95
28) bis(2-Chloroethoxy)met...	10.357	93	60653	38.966	ng		100
29) 2,4-Dichlorophenol	10.615	162	68184	52.830	ng		94
30) 1,2,4-Trichlorobenzene	10.832	180	72533	46.541	ng		97
31) Naphthalene	11.020	128	170319	40.814	ng		98
32) Benzoic acid	10.257	122	35224m	42.311	ng		
33) 4-Chloroaniline	11.132	127	4221	2.529	ng	#	89
34) Hexachlorobutadiene	11.308	225	63916	47.799	ng		98
35) Caprolactam	11.884	113	15739m	40.772	ng		
36) 4-Chloro-3-methylphenol	12.231	107	70119	48.812	ng		90
37) 2-Methylnaphthalene	12.613	142	128044	41.003	ng		96
38) 1-Methylnaphthalene	12.830	142	135106	43.554	ng		97
40) 1,2,4,5-Tetrachloroben...	12.977	216	120330	47.693	ng		98
41) Hexachlorocyclopentadiene	12.959	237	156197	86.372	ng		97
43) 2,4,6-Trichlorophenol	13.206	196	78635	53.104	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.282	196	90125	54.266	ng		98
46) 1,1'-Biphenyl	13.606	154	214876	46.147	ng		98
47) 2-Chloronaphthalene	13.653	162	162863	44.397	ng		98
48) 2-Nitroaniline	13.841	65	51607	43.739	ng		96
49) Acenaphthylene	14.493	152	292444	46.664	ng		98
50) Dimethylphthalate	14.211	163	258242	50.427	ng		99
51) 2,6-Dinitrotoluene	14.328	165	52667	53.446	ng		96
52) Acenaphthene	14.828	154	176648m	47.010	ng		
53) 3-Nitroaniline	14.657	138	9352	9.615	ng		82
54) 2,4-Dinitrophenol	14.863	184	73970	106.407	ng		95
55) Dibenzofuran	15.157	168	304294	48.983	ng		98
56) 4-Nitrophenol	14.957	139	66663	86.389	ng		90
57) 2,4-Dinitrotoluene	15.110	165	77721	52.608	ng		99
58) Fluorene	15.803	166	241110	49.486	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.380	232	100482	61.321	ng	#	94
60) Diethylphthalate	15.562	149	247951	50.542	ng		98
61) 4-Chlorophenyl-phenyle...	15.791	204	158611	54.244	ng		97
62) 4-Nitroaniline	15.809	138	29082	28.863	ng		96
63) Azobenzene	16.085	77	176021	43.137	ng		90
65) 4,6-Dinitro-2-methylph...	15.868	198	56369	63.253	ng		91
66) n-Nitrosodiphenylamine	16.003	169	164667	39.167	ng		97
67) 4-Bromophenyl-phenylether	16.679	248	125576	59.576	ng		97
68) Hexachlorobenzene	16.808	284	150157	58.799	ng		91
69) Atrazine	16.937	200	29945	14.773	ng		97
70) Pentachlorophenol	17.143	266	179522	115.814	ng		98
71) Phenanthrene	17.536	178	441853	50.314	ng		99
72) Anthracene	17.630	178	444752	49.667	ng		99
73) Carbazole	17.889	167	294066	38.200	ng		100
74) Di-n-butylphthalate	18.435	149	418571	48.737	ng		99
75) Fluoranthene	19.534	202	581345	48.410	ng		98
78) Pyrene	19.892	202	606642	54.182	ng		99
80) Butylbenzylphthalate	20.756	149	181978	46.208	ng		95
81) Benzo(a)anthracene	21.726	228	687494	50.611	ng		99
83) Chrysene	21.790	228	651706	50.889	ng		99
84) Bis(2-ethylhexyl)phtha...	21.620	149	261540	45.448	ng		99
85) Di-n-octyl phthalate	22.842	149	443335	44.567	ng		97
87) Indeno(1,2,3-cd)pyrene	28.723	276	843061	57.078	ng	#	97
88) Benzo(b)fluoranthene	23.964	252	729842	53.345	ng	#	98
89) Benzo(k)fluoranthene	24.035	252	717427	52.195	ng	#	97
90) Benzo(a)pyrene	24.845	252	659020	51.927	ng	#	98
91) Dibenzo(a,h)anthracene	28.782	278	717472	59.294	ng	#	95
92) Benzo(g,h,i)perylene	29.875	276	675086	57.971	ng	#	96

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

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