Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102925\
Data File : BG064628.D
Acq On : 29 Oct 2025 18:15
Operator : RC/JU
Sample : Q3419-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-132-S16-015094-20251021MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 06:47:55 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	8.214	152	31803	20.000	ng		0.00
21) Naphthalene-d8	11.040	136	124534	20.000	ng		0.00
39) Acenaphthene-d10	14.842	164	94989	20.000	ng		0.00
64) Phenanthrene-d10	17.580	188	230638	20.000	ng		0.00
76) Chrysene-d12	21.851	240	282250	20.000	ng		0.00
86) Perylene-d12	25.189	264	308600	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.747	112	176100	92.942	ng		0.00
7) Phenol-d6	7.351	99	240854	92.637	ng		0.00
23) Nitrobenzene-d5	9.378	82	155218	74.861	ng		0.00
42) 2,4,6-Tribromophenol	16.317	330	162190	118.302	ng		0.00
45) 2-Fluorobiphenyl	13.467	172	366213	58.437	ng		0.00
79) Terphenyl-d14	20.165	244	853453	57.063	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.579	88	31292	37.303	ng		94
3) Pyridine	3.990	79	91183	36.197	ng		99
4) n-Nitrosodimethylamine	3.896	42	64553	47.785	ng		95
6) Aniline	7.527	93	107880	30.493	ng		98
8) 2-Chlorophenol	7.774	128	98657	49.746	ng		100
9) Benzaldehyde	7.339	77	47639	33.562	ng		94
10) Phenol	7.380	94	134929	46.926	ng		97
11) bis(2-Chloroethyl)ether	7.621	93	90025	42.585	ng		95
12) 1,3-Dichlorobenzene	8.109	146	105133	46.058	ng		95
13) 1,4-Dichlorobenzene	8.250	146	106063	45.698	ng		95
14) 1,2-Dichlorobenzene	8.573	146	107759	48.136	ng		98
15) Benzyl Alcohol	8.444	79	100962	47.091	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.743	45	240700	43.406	ng		99
17) 2-Methylphenol	8.649	107	91314	47.832	ng		99
18) Hexachloroethane	9.319	117	40307	49.488	ng		96
19) n-Nitroso-di-n-propyla...	9.019	70	80697	44.910	ng		98
20) 3+4-Methylphenols	8.972	107	125897	46.893	ng		98
22) Acetophenone	9.037	105	172795	50.758	ng	#	96
24) Nitrobenzene	9.425	77	122938	54.514	ng		99
25) Isophorone	9.954	82	230244	46.278	ng		100
26) 2-Nitrophenol	10.142	139	54798	62.001	ng	#	90
27) 2,4-Dimethylphenol	10.194	122	102164	55.204	ng		95
28) bis(2-Chloroethoxy)met...	10.429	93	131967	46.587	ng		99
29) 2,4-Dichlorophenol	10.676	162	105842	53.143	ng		99
30) 1,2,4-Trichlorobenzene	10.899	180	119635	52.868	ng		97
31) Naphthalene	11.093	128	325077	47.081	ng		99
32) Benzoic acid	10.318	122	89736	61.183	ng		92
33) 4-Chloroaniline	11.187	127	54442	20.286	ng		96
34) Hexachlorobutadiene	11.387	225	89857	50.775	ng		98
35) Caprolactam	11.945	113	35512m	46.489	ng		
36) 4-Chloro-3-methylphenol	12.292	107	122597	51.210	ng		98
37) 2-Methylnaphthalene	12.686	142	219604	43.321	ng		98
38) 1-Methylnaphthalene	12.903	142	228542	45.541	ng		96
40) 1,2,4,5-Tetrachloroben...	13.050	216	178313	55.934	ng		99
41) Hexachlorocyclopentadiene	13.032	237	208614	145.386	ng		98
43) 2,4,6-Trichlorophenol	13.279	196	103636	56.833	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.344	196	115660	54.963	ng		96
46) 1,1'-Biphenyl	13.679	154	365386	54.107	ng		97
47) 2-Chloronaphthalene	13.726	162	249530	48.952	ng		98
48) 2-Nitroaniline	13.908	65	93564	54.228	ng		94
49) Acenaphthylene	14.566	152	439745	54.693	ng		99
50) Dimethylphthalate	14.284	163	347153	47.761	ng		99
51) 2,6-Dinitrotoluene	14.395	165	70596	58.141	ng		99
52) Acenaphthene	14.907	154	301997	54.976	ng		98
53) 3-Nitroaniline	14.724	138	48285	38.655	ng		96
54) 2,4-Dinitrophenol	14.930	184	96369	127.399	ng	#	39
55) Dibenzofuran	15.236	168	423783	47.718	ng		97
56) 4-Nitrophenol	15.018	139	131383	113.444	ng		91
57) 2,4-Dinitrotoluene	15.183	165	102203	54.664	ng	#	97
58) Fluorene	15.882	166	334548	48.236	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.453	232	117236	58.261	ng		99
60) Diethylphthalate	15.641	149	350180	47.184	ng		99
61) 4-Chlorophenyl-phenyle...	15.870	204	189500	48.686	ng		98
62) 4-Nitroaniline	15.888	138	78479	56.473	ng		95
63) Azobenzene	16.164	77	349461	51.319	ng		99
65) 4,6-Dinitro-2-methylph...	15.941	198	67333	64.272	ng		91
66) n-Nitrosodiphenylamine	16.082	169	311250	49.959	ng		98
67) 4-Bromophenyl-phenylether	16.763	248	136215	49.838	ng		98
68) Hexachlorobenzene	16.887	284	156412	50.163	ng		99
69) Atrazine	17.022	200	143329	53.460	ng		97
70) Pentachlorophenol	17.221	266	215900	111.038	ng		96
71) Phenanthrene	17.621	178	614558	48.725	ng		99
72) Anthracene	17.709	178	618291	48.191	ng		100
73) Carbazole	17.968	167	555268	49.079	ng		99
74) Di-n-butylphthalate	18.526	149	660445	50.481	ng		99
75) Fluoranthene	19.613	202	798695	50.549	ng		98
77) Benzidine	19.777	184	266267	42.107	ng		99
78) Pyrene	19.971	202	826087	44.797	ng		99
80) Butylbenzylphthalate	20.852	149	307248	55.127	ng		95
81) Benzo(a)anthracene	21.834	228	915839	48.937	ng		99
82) 3,3'-Dichlorobenzidine	21.734	252	172028	27.527	ng		99
83) Chrysene	21.904	228	856872	48.119	ng		98
84) Bis(2-ethylhexyl)phtha...	21.740	149	456370	54.799	ng		99
85) Di-n-octyl phthalate	22.997	149	762527	54.307	ng		99
87) Indeno(1,2,3-cd)pyrene	29.031	276	1124787	49.546	ng	#	97
88) Benzo(b)fluoranthene	24.131	252	922791	48.765	ng		99
89) Benzo(k)fluoranthene	24.202	252	941575	49.723	ng		98
90) Benzo(a)pyrene	25.036	252	881844	50.697	ng		99
91) Dibenzo(a,h)anthracene	29.102	278	919177	49.838	ng		97
92) Benzo(g,h,i)perylene	30.230	276	894509	50.771	ng		99

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

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