Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
Data File : BG064592.D
Acq On : 27 Oct 2025 18:06
Operator : RC/JU
Sample : Q3439-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-10MSD

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

Quant Time: Nov 04 01:22:36 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	8.220	152	38674	20.000	ng		0.00
21) Naphthalene-d8	11.046	136	147107	20.000	ng		0.00
39) Acenaphthene-d10	14.842	164	118113	20.000	ng		0.00
64) Phenanthrene-d10	17.580	188	285291	20.000	ng		0.00
76) Chrysene-d12	21.857	240	313384	20.000	ng		0.00
86) Perylene-d12	25.195	264	333950	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.747	112	231127	100.312	ng		0.00
7) Phenol-d6	7.351	99	293411	92.802	ng		0.00
23) Nitrobenzene-d5	9.384	82	165247	67.469	ng		0.00
42) 2,4,6-Tribromophenol	16.317	330	179471	105.279	ng		0.00
45) 2-Fluorobiphenyl	13.473	172	454385	58.311	ng		0.00
79) Terphenyl-d14	20.165	244	1009766	60.807	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.585	88	38189	37.437	ng		98
3) Pyridine	3.990	79	104888	34.240	ng		96
4) n-Nitrosodimethylamine	3.902	42	69086	42.055	ng		93
6) Aniline	7.527	93	103701	24.104	ng		98
8) 2-Chlorophenol	7.780	128	124312	51.546	ng		96
9) Benzaldehyde	7.339	77	56751	32.878	ng		98
10) Phenol	7.380	94	171610	49.080	ng		98
11) bis(2-Chloroethyl)ether	7.621	93	112349	43.703	ng		97
12) 1,3-Dichlorobenzene	8.109	146	130078	46.862	ng		99
13) 1,4-Dichlorobenzene	8.256	146	132070	46.793	ng		98
14) 1,2-Dichlorobenzene	8.579	146	126766	46.566	ng		96
15) Benzyl Alcohol	8.449	79	122236	46.884	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.743	45	294630	43.692	ng		99
17) 2-Methylphenol	8.649	107	114159	49.174	ng		97
18) Hexachloroethane	9.325	117	46509	46.957	ng		95
19) n-Nitroso-di-n-propyla...	9.025	70	101883	46.627	ng	#	96
20) 3+4-Methylphenols	8.978	107	153618	47.053	ng		98
22) Acetophenone	9.043	105	218530	54.343	ng		96
24) Nitrobenzene	9.425	77	141961	53.290	ng		96
25) Isophorone	9.954	82	279098	47.490	ng		99
26) 2-Nitrophenol	10.142	139	54025	52.264	ng		95
27) 2,4-Dimethylphenol	10.194	122	124546	56.972	ng		98
28) bis(2-Chloroethoxy)met...	10.435	93	162179	48.467	ng		99
29) 2,4-Dichlorophenol	10.676	162	129409	55.005	ng		98
30) 1,2,4-Trichlorobenzene	10.905	180	141231	52.834	ng		99
31) Naphthalene	11.093	128	393590	48.257	ng		98
32) Benzoic acid	10.324	122	94984	55.629	ng		97
33) 4-Chloroaniline	11.187	127	43020	13.570	ng		95
34) Hexachlorobutadiene	11.387	225	103521	49.520	ng		94
35) Caprolactam	11.951	113	44034m	48.800	ng		
36) 4-Chloro-3-methylphenol	12.292	107	148510	52.515	ng		99
37) 2-Methylnaphthalene	12.686	142	267424	44.659	ng		100
38) 1-Methylnaphthalene	12.903	142	274550	46.314	ng		96
40) 1,2,4,5-Tetrachloroben...	13.050	216	208972	52.718	ng		98
41) Hexachlorocyclopentadiene	13.038	237	243466	136.457	ng		97
43) 2,4,6-Trichlorophenol	13.279	196	125493	55.346	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.344	196	139898	53.466	ng		99
46) 1,1'-Biphenyl	13.685	154	444110	52.889	ng		98
47) 2-Chloronaphthalene	13.726	162	303587	47.897	ng		99
48) 2-Nitroaniline	13.908	65	107900	50.527	ng		92
49) Acenaphthylene	14.566	152	545521	54.565	ng		99
50) Dimethylphthalate	14.290	163	439698	48.650	ng		100
51) 2,6-Dinitrotoluene	14.395	165	82013	54.530	ng		99
52) Acenaphthene	14.907	154	354955	51.966	ng		100
53) 3-Nitroaniline	14.724	138	44846	28.873	ng		97
54) 2,4-Dinitrophenol	14.930	184	96997	104.186	ng	#	40
55) Dibenzofuran	15.236	168	529890	47.985	ng		99
56) 4-Nitrophenol	15.018	139	158948	110.376	ng		96
57) 2,4-Dinitrotoluene	15.183	165	124942	53.794	ng	#	98
58) Fluorene	15.882	166	424621	49.236	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.453	232	148407	59.313	ng		99
60) Diethylphthalate	15.647	149	443525	48.061	ng		99
61) 4-Chlorophenyl-phenyle...	15.870	204	233237	48.191	ng		96
62) 4-Nitroaniline	15.882	138	93577	54.154	ng		99
63) Azobenzene	16.164	77	453659	53.578	ng		99
65) 4,6-Dinitro-2-methylph...	15.947	198	68203	53.613	ng		96
66) n-Nitrosodiphenylamine	16.082	169	394831	51.234	ng		99
67) 4-Bromophenyl-phenylether	16.763	248	165848	49.056	ng		97
68) Hexachlorobenzene	16.887	284	196822	51.031	ng		97
69) Atrazine	17.022	200	174823	52.715	ng		97
70) Pentachlorophenol	17.222	266	261418	108.692	ng		94
71) Phenanthrene	17.621	178	769290	49.309	ng		100
72) Anthracene	17.709	178	779580	49.122	ng		100
73) Carbazole	17.968	167	690430	49.335	ng		98
74) Di-n-butylphthalate	18.532	149	779939	48.195	ng		99
75) Fluoranthene	19.613	202	935586	47.869	ng		99
77) Benzidine	19.777	184	202272	28.809	ng		99
78) Pyrene	19.971	202	978323	47.782	ng		99
80) Butylbenzylphthalate	20.853	149	334443	54.045	ng		97
81) Benzo(a)anthracene	21.834	228	1026609	49.406	ng		99
82) 3,3'-Dichlorobenzidine	21.734	252	146831	21.161	ng		99
83) Chrysene	21.898	228	955220	48.313	ng		98
84) Bis(2-ethylhexyl)phtha...	21.746	149	477424	51.632	ng		99
85) Di-n-octyl phthalate	23.003	149	818900	52.528	ng		98
87) Indeno(1,2,3-cd)pyrene	29.037	276	1221937	49.740	ng	#	93
88) Benzo(b)fluoranthene	24.137	252	1003921	49.025	ng		98
89) Benzo(k)fluoranthene	24.207	252	1048336	51.159	ng		97
90) Benzo(a)pyrene	25.042	252	973157	51.699	ng		99
91) Dibenzo(a,h)anthracene	29.102	278	1007535	50.482	ng		97
92) Benzo(g,h,i)perylene	30.236	276	978222	51.308	ng		99

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

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