Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064306.D
Acq On : 8 Sep 2025 14:16
Operator : RC/JU
Sample : Q3023-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 08 14:52:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/09/2025
Supervised By :Jagrut Upadhyay 09/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.850	152	29936	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	127733	20.000	ng	#	0.00
39) Acenaphthene-d10	14.477	164	90170	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	215376	20.000	ng	#	0.00
76) Chrysene-d12	21.451	240	242911	20.000	ng	#	0.00
86) Perylene-d12	24.454	264	273162	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.441	112	164485	98.577	ng		0.00
7) Phenol-d6	7.027	99	212868	92.860	ng		0.00
23) Nitrobenzene-d5	9.001	82	150103	65.537	ng		-0.02
42) 2,4,6-Tribromophenol	15.964	330	136717	114.471	ng		0.00
45) 2-Fluorobiphenyl	13.096	172	365060	61.796	ng		-0.02
79) Terphenyl-d14	19.836	244	735526	63.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	23604	33.939	ng		96
3) Pyridine	3.737	79	65263	31.878	ng	#	59
4) n-Nitrosodimethylamine	3.655	42	61470	45.394	ng	#	91
6) Aniline	7.180	93	98056	30.932	ng		98
8) 2-Chlorophenol	7.415	128	91443	44.847	ng		98
9) Benzaldehyde	6.986	77	60288	31.958	ng		98
10) Phenol	7.051	94	108719	43.017	ng		87
11) bis(2-Chloroethyl)ether	7.274	93	72126	37.978	ng		94
12) 1,3-Dichlorobenzene	7.738	146	95944	44.231	ng		99
13) 1,4-Dichlorobenzene	7.885	146	100817	46.052	ng		97
14) 1,2-Dichlorobenzene	8.202	146	99535	47.109	ng		94
15) Benzyl Alcohol	8.085	79	88596	41.881	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.373	45	140706	32.451	ng		98
17) 2-Methylphenol	8.290	107	77094	40.929	ng		93
18) Hexachloroethane	8.925	117	37246	43.585	ng	#	81
19) n-Nitroso-di-n-propyla...	8.655	70	65244	37.188	ng		90
20) 3+4-Methylphenols	8.619	107	107649	41.130	ng		98
22) Acetophenone	8.666	105	152960	47.334	ng	#	96
24) Nitrobenzene	9.048	77	107095	44.754	ng		96
25) Isophorone	9.565	82	184919	38.848	ng		98
26) 2-Nitrophenol	9.753	139	52959	51.218	ng	#	91
27) 2,4-Dimethylphenol	9.818	122	87722	48.322	ng		96
28) bis(2-Chloroethoxy)met...	10.053	93	99603	38.806	ng		97
29) 2,4-Dichlorophenol	10.288	162	92257	48.165	ng		98
30) 1,2,4-Trichlorobenzene	10.499	180	100289	49.657	ng		95
31) Naphthalene	10.688	128	287233	43.365	ng		100
32) Benzoic acid	9.982	122	68491	47.529	ng		89
33) 4-Chloroaniline	10.793	127	55611	21.662	ng		92
34) Hexachlorobutadiene	10.975	225	75683	50.696	ng	#	86
35) Caprolactam	11.557	113	29688m	40.028	ng		
36) 4-Chloro-3-methylphenol	11.927	107	108328	43.589	ng		92
37) 2-Methylnaphthalene	12.297	142	196464	39.904	ng		95
38) 1-Methylnaphthalene	12.515	142	200348	41.199	ng		99
40) 1,2,4,5-Tetrachloroben...	12.668	216	137336	52.787	ng		98
41) Hexachlorocyclopentadiene	12.650	237	174210	140.890	ng		91
43) 2,4,6-Trichlorophenol	12.908	196	80711	46.414	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	93226	49.422	ng		95
46) 1,1'-Biphenyl	13.308	154	318483	48.494	ng		97
47) 2-Chloronaphthalene	13.349	162	214573	43.459	ng		96
48) 2-Nitroaniline	13.555	65	78496	46.645	ng		94
49) Acenaphthylene	14.201	152	368499	50.489	ng		98
50) Dimethylphthalate	13.937	163	284762	41.723	ng		100
51) 2,6-Dinitrotoluene	14.048	165	63224	47.850	ng		99
52) Acenaphthene	14.542	154	217148	42.159	ng		98
53) 3-Nitroaniline	14.377	138	41387	29.903	ng		90
54) 2,4-Dinitrophenol	14.589	184	88140	100.539	ng	#	82
55) Dibenzofuran	14.877	168	356889	44.051	ng		99
56) 4-Nitrophenol	14.695	139	107122	94.353	ng	#	86
57) 2,4-Dinitrotoluene	14.841	165	98479	49.293	ng		96
58) Fluorene	15.523	166	299648	45.126	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.100	232	94150	51.893	ng		97
60) Diethylphthalate	15.300	149	314958	43.119	ng		99
61) 4-Chlorophenyl-phenyle...	15.517	204	151450	45.745	ng		97
62) 4-Nitroaniline	15.547	138	67555	47.833	ng		94
63) Azobenzene	15.811	77	302339	46.440	ng		94
65) 4,6-Dinitro-2-methylph...	15.605	198	65869	53.269	ng		86
66) n-Nitrosodiphenylamine	15.735	169	264435	44.632	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	107539	47.010	ng		96
68) Hexachlorobenzene	16.528	284	119896	47.198	ng		97
69) Atrazine	16.686	200	121198	48.991	ng		99
70) Pentachlorophenol	16.874	266	167917	109.016	ng		94
71) Phenanthrene	17.262	178	506527	44.590	ng		97
72) Anthracene	17.350	178	519315	44.942	ng		99
73) Carbazole	17.621	167	470409	46.212	ng		99
74) Di-n-butylphthalate	18.185	149	570352	46.636	ng	#	98
75) Fluoranthene	19.272	202	638997	47.841	ng		97
77) Benzidine	19.454	184	276302	54.071	ng		99
78) Pyrene	19.630	202	657818	42.984	ng		99
80) Butylbenzylphthalate	20.529	149	269256	46.647	ng		92
81) Benzo(a)anthracene	21.434	228	721101	46.402	ng		100
82) 3,3'-Dichlorobenzidine	21.351	252	166875	32.972	ng		99
83) Chrysene	21.492	228	673446	45.139	ng		98
84) Bis(2-ethylhexyl)phtha...	21.357	149	395607	45.650	ng		96
85) Di-n-octyl phthalate	22.497	149	680342	45.056	ng		97
87) Indeno(1,2,3-cd)pyrene	27.856	276	882645	47.315	ng		98
88) Benzo(b)fluoranthene	23.514	252	729185	47.298	ng		99
89) Benzo(k)fluoranthene	23.578	252	722979	46.031	ng	#	95
90) Benzo(a)pyrene	24.319	252	700593	48.852	ng	#	97
91) Dibenzo(a,h)anthracene	27.914	278	711075	47.475	ng		97
92) Benzo(g,h,i)perylene	28.919	276	698546	47.930	ng	#	95

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

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