Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064747.D
Acq On : 12 Nov 2025 12:39
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 12 16:55:23 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 16:45:57 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.164	152	28063	20.000	ng		0.00
21) Naphthalene-d8	10.985	136	110132	20.000	ng		0.00
39) Acenaphthene-d10	14.774	164	90796	20.000	ng		0.00
64) Phenanthrene-d10	17.506	188	239033	20.000	ng		0.00
76) Chrysene-d12	21.754	240	366018	20.000	ng		0.00
86) Perylene-d12	25.021	264	382667	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.703	112	31652	19.695	ng		0.00
7) Phenol-d6	7.307	99	41135	19.245	ng		0.00
23) Nitrobenzene-d5	9.328	82	41577	18.666	ng		0.00
42) 2,4,6-Tribromophenol	16.249	330	34875	19.694	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	131226	20.167	ng		0.00
79) Terphenyl-d14	20.092	244	376175	20.217	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	6388	10.268	ng		97
3) Pyridine	3.946	79	18201	9.819	ng		92
4) n-Nitrosodimethylamine	3.852	42	9221	9.773	ng	#	98
6) Aniline	7.477	93	28080	9.856	ng		98
8) 2-Chlorophenol	7.730	128	17126	9.705	ng		94
9) Benzaldehyde	7.295	77	14410	10.299	ng		96
10) Phenol	7.330	94	22227	9.557	ng		94
11) bis(2-Chloroethyl)ether	7.571	93	16009	9.674	ng		96
12) 1,3-Dichlorobenzene	8.059	146	19968	9.834	ng		98
13) 1,4-Dichlorobenzene	8.206	146	20506	9.918	ng		98
14) 1,2-Dichlorobenzene	8.523	146	19237	9.596	ng		96
15) Benzyl Alcohol	8.394	79	14805	8.438	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.687	45	39228	10.014	ng		96
17) 2-Methylphenol	8.599	107	16118	9.795	ng		97
18) Hexachloroethane	9.263	117	7708	9.843	ng		98
19) n-Nitroso-di-n-propyla...	8.969	70	14240	9.853	ng		94
20) 3+4-Methylphenols	8.928	107	20773	9.215	ng		97
22) Acetophenone	8.987	105	29535	9.843	ng		93
24) Nitrobenzene	9.369	77	21900	9.730	ng		99
25) Isophorone	9.898	82	41875	9.872	ng		96
26) 2-Nitrophenol	10.086	139	9640	9.523	ng		95
27) 2,4-Dimethylphenol	10.139	122	16597	9.228	ng		93
28) bis(2-Chloroethoxy)met...	10.368	93	23070	9.907	ng		97
29) 2,4-Dichlorophenol	10.626	162	18228	9.440	ng		98
30) 1,2,4-Trichlorobenzene	10.844	180	22952	9.844	ng		99
31) Naphthalene	11.032	128	64016	10.254	ng		98
32) Benzoic acid	10.233	122	7448m	10.914	ng		
33) 4-Chloroaniline	11.132	127	24891	9.967	ng		97
34) Hexachlorobutadiene	11.325	225	19432	9.713	ng		97
35) Caprolactam	11.878	113	4958	8.592	ng	#	92
36) 4-Chloro-3-methylphenol	12.236	107	21366	9.942	ng		95
37) 2-Methylnaphthalene	12.624	142	46349	9.921	ng		97
38) 1-Methylnaphthalene	12.841	142	46327m	9.982	ng		
40) 1,2,4,5-Tetrachloroben...	12.988	216	33859	9.582	ng		96
41) Hexachlorocyclopentadiene	12.971	237	21693	8.565	ng		91
43) 2,4,6-Trichlorophenol	13.217	196	19600	9.451	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.288	196	20868	8.972	ng		93
46)	1,1'-Biphenyl	13.617	154	64329	9.864	ng		97
47)	2-Chloronaphthalene	13.664	162	50487	9.827	ng		98
48)	2-Nitroaniline	13.852	65	15648	9.469	ng		87
49)	Acenaphthylene	14.498	152	87532	9.973	ng		99
50)	Dimethylphthalate	14.216	163	71209	9.928	ng		97
51)	2,6-Dinitrotoluene	14.334	165	12760	9.246	ng		92
52)	Acenaphthene	14.839	154	50131	9.526	ng		98
53)	3-Nitroaniline	14.663	138	12586	9.240	ng		87
54)	2,4-Dinitrophenol	14.874	184	2717	11.149	ng	#	84
55)	Dibenzofuran	15.168	168	90369	10.387	ng		97
56)	4-Nitrophenol	14.951	139	8225	7.611	ng	#	83
57)	2,4-Dinitrotoluene	15.115	165	19317	9.336	ng		95
58)	Fluorene	15.814	166	71244	10.441	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.391	232	21790	9.495	ng	#	97
60)	Diethylphthalate	15.568	149	69072	10.053	ng		97
61)	4-Chlorophenyl-phenyle...	15.803	204	42098	10.280	ng		98
62)	4-Nitroaniline	15.814	138	13078	9.268	ng		95
63)	Azobenzene	16.090	77	58632	10.260	ng		98
65)	4,6-Dinitro-2-methylph...	15.873	198	8710	6.563	ng		92
66)	n-Nitrosodiphenylamine	16.014	169	63405	10.127	ng		96
67)	4-Bromophenyl-phenylether	16.696	248	31456	10.021	ng		96
68)	Hexachlorobenzene	16.813	284	37251	9.795	ng		93
69)	Atrazine	16.948	200	30006	9.940	ng		96
70)	Pentachlorophenol	17.154	266	10561	10.475	ng		95
71)	Phenanthrene	17.548	178	133643	10.219	ng		99
72)	Anthracene	17.636	178	134138	10.059	ng		99
73)	Carbazole	17.900	167	117923	10.286	ng		99
74)	Di-n-butylphthalate	18.452	149	132248	10.340	ng		99
75)	Fluoranthene	19.539	202	186154	10.409	ng		99
77)	Benzidine	19.710	184	123305	11.249	ng		96
78)	Pyrene	19.898	202	199370	9.719	ng		97
80)	Butylbenzylphthalate	20.773	149	71488	9.908	ng		95
81)	Benzo(a)anthracene	21.737	228	250849	10.079	ng		99
82)	3,3'-Dichlorobenzidine	21.643	252	91769	10.018	ng		100
83)	Chrysene	21.801	228	236517	10.080	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.637	149	106405	10.092	ng		97
85)	Di-n-octyl phthalate	22.865	149	181658	9.967	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.740	276	253326	9.636	ng	#	98
88)	Benzo(b)fluoranthene	23.981	252	239260	9.825	ng		99
89)	Benzo(k)fluoranthene	24.046	252	248008	10.137	ng		100
90)	Benzo(a)pyrene	24.863	252	224991	9.960	ng		98
91)	Dibenzo(a,h)anthracene	28.805	278	208966	9.702	ng	#	96
92)	Benzo(g,h,i)perylene	29.904	276	199793	9.639	ng	#	96

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

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