Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
Data File : BG064753.D
Acq On : 12 Nov 2025 16:45
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG111225

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

Quant Time: Nov 12 17:26:43 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	8.165	152	33326	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	132747	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	109409	20.000	ng	0.00
64) Phenanthrene-d10	17.507	188	274232	20.000	ng	0.00
76) Chrysene-d12	21.755	240	377705	20.000	ng	0.00
86) Perylene-d12	25.016	264	409953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	120553	63.167	ng	0.00
7) Phenol-d6	7.307	99	163728	64.502	ng	0.00
23) Nitrobenzene-d5	9.328	82	166272	61.930	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	136910	64.162	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	470384	59.990	ng	0.00
79) Terphenyl-d14	20.092	244	1191783	62.068	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.535	88	23293	31.527	ng	96
3) Pyridine	3.946	79	64481	29.291	ng	96
4) n-Nitrosodimethylamine	3.852	42	36442	32.525	ng	91
6) Aniline	7.483	93	115393	34.106	ng	99
8) 2-Chlorophenol	7.730	128	68691	32.779	ng	96
9) Benzaldehyde	7.295	77	58482	35.196	ng	90
10) Phenol	7.336	94	91069	32.974	ng	95
11) bis(2-Chloroethyl)ether	7.571	93	63934	32.532	ng	98
12) 1,3-Dichlorobenzene	8.059	146	81195	33.672	ng	97
13) 1,4-Dichlorobenzene	8.206	146	80784	32.901	ng	96
14) 1,2-Dichlorobenzene	8.523	146	80788	33.934	ng	99
15) Benzyl Alcohol	8.400	79	72009	34.561	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.688	45	148081	31.833	ng	99
17) 2-Methylphenol	8.600	107	62824	32.149	ng	96
18) Hexachloroethane	9.263	117	29173	31.370	ng	95
19) n-Nitroso-di-n-propyla...	8.970	70	58847	34.287	ng	91
20) 3+4-Methylphenols	8.923	107	86297	32.235	ng	96
22) Acetophenone	8.987	105	122146	33.774	ng	99
24) Nitrobenzene	9.369	77	89962	33.162	ng	94
25) Isophorone	9.898	82	165493	32.368	ng	97
26) 2-Nitrophenol	10.086	139	40886	33.507	ng	98
27) 2,4-Dimethylphenol	10.139	122	68610	31.650	ng	98
28) bis(2-Chloroethoxy)met...	10.374	93	90243	32.150	ng	97
29) 2,4-Dichlorophenol	10.627	162	76896	33.040	ng	97
30) 1,2,4-Trichlorobenzene	10.844	180	95519	33.988	ng	96
31) Naphthalene	11.038	128	236163	31.383	ng	100
32) Benzoic acid	10.245	122	43241m	30.681	ng	
33) 4-Chloroaniline	11.126	127	101262	33.639	ng	100
34) Hexachlorobutadiene	11.326	225	75988	31.513	ng	97
35) Caprolactam	11.884	113	22870	32.854	ng	95
36) 4-Chloro-3-methylphenol	12.236	107	83400	32.195	ng	97
37) 2-Methylnaphthalene	12.624	142	161122	28.612	ng	97
38) 1-Methylnaphthalene	12.842	142	168025	30.038	ng	99
40) 1,2,4,5-Tetrachloroben...	12.989	216	134917	31.686	ng	98
41) Hexachlorocyclopentadiene	12.971	237	93533	30.647	ng	98
43) 2,4,6-Trichlorophenol	13.218	196	80067	32.039	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.288	196	88366	31.528	ng		95
46)	1,1'-Biphenyl	13.617	154	253543	32.265	ng		95
47)	2-Chloronaphthalene	13.664	162	192989	31.173	ng		99
48)	2-Nitroaniline	13.846	65	66734	33.514	ng		95
49)	Acenaphthylene	14.504	152	336105	31.779	ng		98
50)	Dimethylphthalate	14.222	163	273873	31.689	ng		96
51)	2,6-Dinitrotoluene	14.334	165	55364	33.291	ng		97
52)	Acenaphthene	14.839	154	200981	31.693	ng		100
53)	3-Nitroaniline	14.663	138	55656	33.908	ng		99
54)	2,4-Dinitrophenol	14.869	184	30993	32.871	ng		91
55)	Dibenzofuran	15.168	168	328578	31.341	ng		97
56)	4-Nitrophenol	14.957	139	43480	33.387	ng		92
57)	2,4-Dinitrotoluene	15.115	165	83443	33.468	ng		98
58)	Fluorene	15.815	166	260110	31.633	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.392	232	95337	34.475	ng		97
60)	Diethylphthalate	15.574	149	260062	31.411	ng		98
61)	4-Chlorophenyl-phenyle...	15.803	204	151269	30.654	ng		99
62)	4-Nitroaniline	15.815	138	57409	33.761	ng		95
63)	Azobenzene	16.097	77	219873	31.929	ng		97
65)	4,6-Dinitro-2-methylph...	15.879	198	51659	33.928	ng		91
66)	n-Nitrosodiphenylamine	16.014	169	234732	32.679	ng		98
67)	4-Bromophenyl-phenylether	16.696	248	113704	31.573	ng		96
68)	Hexachlorobenzene	16.819	284	136782	31.349	ng		95
69)	Atrazine	16.949	200	114666	33.110	ng		98
70)	Pentachlorophenol	17.154	266	72699	32.137	ng		97
71)	Phenanthrene	17.548	178	472871	31.516	ng		99
72)	Anthracene	17.636	178	486138	31.775	ng		99
73)	Carbazole	17.900	167	431125	32.779	ng		99
74)	Di-n-butylphthalate	18.453	149	467217	31.841	ng		99
75)	Fluoranthene	19.540	202	649361	31.649	ng		99
77)	Benzidine	19.710	184	374997	33.151	ng		99
78)	Pyrene	19.898	202	679837	32.115	ng		98
80)	Butylbenzylphthalate	20.768	149	231586	31.103	ng		98
81)	Benzo(a)anthracene	21.737	228	813112	31.660	ng		99
82)	3,3'-Dichlorobenzidine	21.643	252	321145	33.973	ng		98
83)	Chrysene	21.802	228	755443	31.200	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.637	149	336357	30.914	ng		99
85)	Di-n-octyl phthalate	22.859	149	578463	30.757	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.746	276	909527	32.293	ng	#	96
88)	Benzo(b)fluoranthene	23.981	252	800751	30.693	ng		99
89)	Benzo(k)fluoranthene	24.046	252	841278	32.097	ng		99
90)	Benzo(a)pyrene	24.863	252	781704	32.301	ng		99
91)	Dibenzo(a,h)anthracene	28.811	278	741916	32.155	ng		98
92)	Benzo(g,h,i)perylene	29.910	276	705009	31.749	ng		99

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

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