Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111325\
Data File : BG064762.D
Acq On : 13 Nov 2025 18:43
Operator : RC/JU
Sample : Q3609-13MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-713-COMP-05MSD

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

Quant Time: Nov 14 05:02:29 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	8.161	152	37173	20.000	ng		0.00
21) Naphthalene-d8	10.981	136	139653	20.000	ng		0.00
39) Acenaphthene-d10	14.777	164	113644	20.000	ng		0.00
64) Phenanthrene-d10	17.503	188	275145	20.000	ng		0.00
76) Chrysene-d12	21.757	240	306388	20.000	ng		0.00
86) Perylene-d12	25.012	264	312946	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.705	112	221232	103.925	ng		0.00
7) Phenol-d6	7.309	99	297040	104.911	ng		0.00
23) Nitrobenzene-d5	9.324	82	190036	67.280	ng		0.00
42) 2,4,6-Tribromophenol	16.252	330	235909	106.437	ng		0.00
45) 2-Fluorobiphenyl	13.408	172	539614	66.255	ng		0.00
79) Terphenyl-d14	20.088	244	1173393	75.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.519	88	31674	38.433	ng		94
3) Pyridine	3.937	79	87399	35.593	ng		94
4) n-Nitrosodimethylamine	3.843	42	53275	42.627	ng		95
6) Aniline	7.479	93	76598	20.296	ng		97
8) 2-Chlorophenol	7.726	128	110253	47.168	ng		98
9) Benzaldehyde	7.286	77	59863	32.299	ng		98
10) Phenol	7.338	94	146109	47.428	ng		98
11) bis(2-Chloroethyl)ether	7.573	93	96347	43.951	ng		98
12) 1,3-Dichlorobenzene	8.055	146	121628	45.220	ng		98
13) 1,4-Dichlorobenzene	8.202	146	125338	45.764	ng		97
14) 1,2-Dichlorobenzene	8.519	146	121560	45.775	ng		97
15) Benzyl Alcohol	8.396	79	107924	46.438	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.690	45	220824	42.558	ng		98
17) 2-Methylphenol	8.596	107	99327	45.568	ng		97
18) Hexachloroethane	9.266	117	45711	44.067	ng		98
19) n-Nitroso-di-n-propyla...	8.966	70	84532	44.156	ng		90
20) 3+4-Methylphenols	8.925	107	138816	46.487	ng		95
22) Acetophenone	8.984	105	174541	45.874	ng	#	98
24) Nitrobenzene	9.371	77	131056	45.921	ng		96
25) Isophorone	9.894	82	240040	44.627	ng		98
26) 2-Nitrophenol	10.082	139	62049	48.336	ng		96
27) 2,4-Dimethylphenol	10.135	122	110188	48.316	ng		97
28) bis(2-Chloroethoxy)met...	10.370	93	139724	47.317	ng		99
29) 2,4-Dichlorophenol	10.623	162	122663	50.098	ng		99
30) 1,2,4-Trichlorobenzene	10.840	180	144700	48.942	ng		99
31) Naphthalene	11.034	128	356728	45.061	ng		98
32) Benzoic acid	10.270	122	64976	41.304	ng		94
33) 4-Chloroaniline	11.134	127	29666	9.368	ng		92
34) Hexachlorobutadiene	11.322	225	114584	45.170	ng		96
35) Caprolactam	11.892	113	36448m	49.770	ng		
36) 4-Chloro-3-methylphenol	12.239	107	134410	49.321	ng		95
37) 2-Methylnaphthalene	12.626	142	242596	40.950	ng		100
38) 1-Methylnaphthalene	12.844	142	255110	43.350	ng		100
40) 1,2,4,5-Tetrachloroben...	12.985	216	206420	46.673	ng		100
41) Hexachlorocyclopentadiene	12.973	237	281710	88.865	ng		95
43) 2,4,6-Trichlorophenol	13.220	196	126428	48.706	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.290	196	143637	49.338	ng	96
46)	1,1'-Biphenyl	13.613	154	383949	47.039	ng	99
47)	2-Chloronaphthalene	13.660	162	293066	45.574	ng	99
48)	2-Nitroaniline	13.848	65	100233	48.462	ng	96
49)	Acenaphthylene	14.501	152	507697	46.214	ng	99
50)	Dimethylphthalate	14.225	163	415011	46.230	ng	98
51)	2,6-Dinitrotoluene	14.336	165	85565	49.533	ng	99
52)	Acenaphthene	14.841	154	338775	51.431	ng	98
53)	3-Nitroaniline	14.665	138	33838	19.847	ng	90
54)	2,4-Dinitrophenol	14.865	184	100566	84.453	ng	88
55)	Dibenzofuran	15.170	168	495201	45.474	ng	99
56)	4-Nitrophenol	14.959	139	129889	96.022	ng	95
57)	2,4-Dinitrotoluene	15.118	165	124626	48.123	ng	97
58)	Fluorene	15.817	166	388390	45.474	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.388	232	148584	51.727	ng	98
60)	Diethylphthalate	15.576	149	399151	46.414	ng	98
61)	4-Chlorophenyl-phenyle...	15.799	204	230140	44.899	ng	95
62)	4-Nitroaniline	15.823	138	77487	43.871	ng	97
63)	Azobenzene	16.093	77	368405	51.504	ng	97
65)	4,6-Dinitro-2-methylph...	15.881	198	79359	51.948	ng	95
66)	n-Nitrosodiphenylamine	16.011	169	357753	49.640	ng	99
67)	4-Bromophenyl-phenylether	16.692	248	176948	48.972	ng	96
68)	Hexachlorobenzene	16.816	284	208032	47.521	ng	93
69)	Atrazine	16.951	200	165209	47.546	ng	98
70)	Pentachlorophenol	17.150	266	248267	94.619	ng	97
71)	Phenanthrene	17.544	178	700102	46.506	ng	99
72)	Anthracene	17.638	178	718628	46.815	ng	100
73)	Carbazole	17.897	167	607483	46.035	ng	99
74)	Di-n-butylphthalate	18.449	149	683855	46.450	ng	99
75)	Fluoranthene	19.542	202	876881	42.597	ng	100
77)	Benzidine	19.706	184	324292	35.342	ng	99
78)	Pyrene	19.900	202	911985	53.110	ng	98
80)	Butylbenzylphthalate	20.770	149	295307	48.892	ng	97
81)	Benzo(a)anthracene	21.733	228	957426	45.957	ng	99
82)	3,3'-Dichlorobenzidine	21.645	252	122295	15.949	ng	100
83)	Chrysene	21.804	228	902660	45.958	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.633	149	405471	45.941	ng	99
85)	Di-n-octyl phthalate	22.856	149	660468	43.291	ng	99
87)	Indeno(1,2,3-cd)pyrene	28.743	276	1067552	49.652	ng	99
88)	Benzo(b)fluoranthene	23.978	252	935320	46.965	ng	100
89)	Benzo(k)fluoranthene	24.048	252	938506	46.906	ng	100
90)	Benzo(a)pyrene	24.859	252	877547	47.501	ng	98
91)	Dibenzo(a,h)anthracene	28.807	278	873954	49.618	ng	95
92)	Benzo(g,h,i)perylene	29.906	276	841752	49.657	ng	98

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

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