Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064681.D
Acq On : 3 Nov 2025 20:43
Operator : RC/JU
Sample : Q3368-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OUTSIDE-DUMPSTERMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/04/2025
Supervised By :mohammad ahmed 11/05/2025

Quant Time: Nov 04 00:46:18 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	8.208	152	29562	20.000	ng		-0.02
21) Naphthalene-d8	11.034	136	113027	20.000	ng		-0.02
39) Acenaphthene-d10	14.829	164	89136	20.000	ng		-0.02
64) Phenanthrene-d10	17.567	188	214377	20.000	ng		-0.02
76) Chrysene-d12	21.845	240	255846	20.000	ng		#-0.02
86) Perylene-d12	25.176	264	276510	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.746	112	237936	135.097	ng		0.00
7) Phenol-d6	7.350	99	298100	123.347	ng		0.00
23) Nitrobenzene-d5	9.377	82	212317	112.825	ng		0.00
42) 2,4,6-Tribromophenol	16.310	330	229218	178.172	ng		0.00
45) 2-Fluorobiphenyl	13.460	172	565121	96.098	ng		-0.02
79) Terphenyl-d14	20.158	244	956174	70.529	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	22359	28.675	ng	#	80
3) Pyridine	4.007	79	54345	23.209	ng		99
4) n-Nitrosodimethylamine	3.895	42	44554	35.481	ng		99
6) Aniline	7.526	93	31709	9.642	ng		98
8) 2-Chlorophenol	7.767	128	89836	48.732	ng		99
9) Benzaldehyde	7.332	77	5976m	4.529	ng		
10) Phenol	7.379	94	108496	40.594	ng		97
11) bis(2-Chloroethyl)ether	7.614	93	77779	39.581	ng		92
12) 1,3-Dichlorobenzene	8.102	146	84183	39.676	ng		97
13) 1,4-Dichlorobenzene	8.243	146	89821	41.634	ng		93
14) 1,2-Dichlorobenzene	8.566	146	88410	42.487	ng		95
15) Benzyl Alcohol	8.443	79	95534	47.937	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.736	45	202193	39.226	ng		99
17) 2-Methylphenol	8.642	107	83222	46.898	ng		97
18) Hexachloroethane	9.312	117	32015	42.287	ng		95
19) n-Nitroso-di-n-propyla...	9.012	70	71438	42.771	ng		92
20) 3+4-Methylphenols	8.971	107	113726	45.571	ng		95
22) Acetophenone	9.030	105	156209	50.558	ng	#	96
24) Nitrobenzene	9.418	77	105752	51.668	ng		94
25) Isophorone	9.947	82	206861	45.811	ng		98
26) 2-Nitrophenol	10.135	139	47585	59.456	ng	#	92
27) 2,4-Dimethylphenol	10.188	122	91659	54.570	ng		96
28) bis(2-Chloroethoxy)met...	10.423	93	114729	44.625	ng		97
29) 2,4-Dichlorophenol	10.675	162	100341	55.510	ng		94
30) 1,2,4-Trichlorobenzene	10.893	180	104341	50.803	ng		97
31) Naphthalene	11.087	128	289651	46.221	ng		99
32) Benzoic acid	10.305	122	69554m	53.362	ng		
33) 4-Chloroaniline	11.186	127	7647	3.140	ng		95
34) Hexachlorobutadiene	11.374	225	79788	49.675	ng		95
35) Caprolactam	11.956	113	25617m	36.949	ng		
36) 4-Chloro-3-methylphenol	12.291	107	114171	52.546	ng		99
37) 2-Methylnaphthalene	12.679	142	202005	43.906	ng		99
38) 1-Methylnaphthalene	12.896	142	214076	47.001	ng		96
40) 1,2,4,5-Tetrachloroben...	13.037	216	171064	57.184	ng		99
41) Hexachlorocyclopentadiene	13.025	237	209586	155.655	ng		96
43) 2,4,6-Trichlorophenol	13.272	196	102146	59.694	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.343	196	117414	59.461	ng		96
46) 1,1'-Biphenyl	13.672	154	347626	54.857	ng		98
47) 2-Chloronaphthalene	13.719	162	238817	49.927	ng		96
48) 2-Nitroaniline	13.901	65	85940	53.148	ng		95
49) Acenaphthylene	14.559	152	417568	55.345	ng		99
50) Dimethylphthalate	14.277	163	336794	49.378	ng		98
51) 2,6-Dinitrotoluene	14.389	165	69275	60.653	ng		96
52) Acenaphthene	14.894	154	286358	55.552	ng		100
53) 3-Nitroaniline	14.723	138	19040	16.243	ng	#	96
54) 2,4-Dinitrophenol	14.923	184	88923	125.368	ng	#	38
55) Dibenzofuran	15.229	168	406466	48.774	ng		99
56) 4-Nitrophenol	15.017	139	104956	96.576	ng		93
57) 2,4-Dinitrotoluene	15.176	165	100031	56.884	ng	#	96
58) Fluorene	15.875	166	322198	49.505	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.446	232	115980	61.422	ng		99
60) Diethylphthalate	15.634	149	336618	48.335	ng		99
61) 4-Chlorophenyl-phenyle...	15.863	204	186781	51.139	ng		98
62) 4-Nitroaniline	15.881	138	58203	44.632	ng		90
63) Azobenzene	16.151	77	286328	44.809	ng		98
65) 4,6-Dinitro-2-methylph...	15.934	198	64818	66.370	ng		94
66) n-Nitrosodiphenylamine	16.075	169	284830	49.186	ng		99
67) 4-Bromophenyl-phenylether	16.756	248	132622	52.204	ng		97
68) Hexachlorobenzene	16.880	284	151887	52.407	ng		95
69) Atrazine	17.015	200	84422	33.877	ng		98
70) Pentachlorophenol	17.215	266	182328	100.884	ng		95
71) Phenanthrene	17.614	178	576953	49.214	ng		99
72) Anthracene	17.702	178	580391	48.668	ng		100
73) Carbazole	17.961	167	523661	49.796	ng		99
74) Di-n-butylphthalate	18.519	149	596132	49.022	ng		99
75) Fluoranthene	19.606	202	741140	50.464	ng		98
77) Benzidine	19.812	184	12632m	2.204	ng		
78) Pyrene	19.964	202	758193	45.358	ng		100
80) Butylbenzylphthalate	20.840	149	277230	54.875	ng		98
81) Benzo(a)anthracene	21.821	228	854893	50.394	ng		99
83) Chrysene	21.892	228	805367	49.894	ng		99
84) Bis(2-ethylhexyl)phtha...	21.727	149	396215	52.486	ng		98
85) Di-n-octyl phthalate	22.979	149	679889	53.419	ng		99
87) Indeno(1,2,3-cd)pyrene	29.007	276	1040100	51.133	ng	#	93
88) Benzo(b)fluoranthene	24.118	252	885298	52.213	ng		98
89) Benzo(k)fluoranthene	24.189	252	885525m	52.190	ng		
90) Benzo(a)pyrene	25.023	252	818475	52.514	ng		97
91) Dibenzo(a,h)anthracene	29.071	278	865972	52.402	ng		98
92) Benzo(g,h,i)perylene	30.199	276	830398	52.602	ng		97

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

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