Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064806.D
Acq On : 18 Nov 2025 17:01
Operator : RC/JU
Sample : Q3658-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 18 17:42:34 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

Instrument :
BNA_G
ClientSampleId :
NB-07-111725MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2025
Supervised By :Sohil Jodhani 11/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	45859	20.000	ng	0.00
21) Naphthalene-d8	10.984	136	185864	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	153717	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	346793	20.000	ng	0.00
76) Chrysene-d12	21.754	240	343005	20.000	ng	0.00
86) Perylene-d12	25.015	264	371739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	259099	98.660	ng	0.00
7) Phenol-d6	7.312	99	346046	99.070	ng	0.00
23) Nitrobenzene-d5	9.327	82	232552	61.863	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	278694	92.961	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	631225	57.298	ng	0.00
79) Terphenyl-d14	20.091	244	1271322	72.909	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.522	88	36175	35.581	ng	98
3) Pyridine	3.934	79	105499	34.826	ng	95
4) n-Nitrosodimethylamine	3.845	42	62107	40.282	ng	89
6) Aniline	7.476	93	83961	18.034	ng	100
8) 2-Chlorophenol	7.723	128	136768	47.429	ng	97
9) Benzaldehyde	7.288	77	66174	28.941	ng	96
10) Phenol	7.341	94	180092	47.387	ng	95
11) bis(2-Chloroethyl)ether	7.570	93	118141	43.685	ng	99
12) 1,3-Dichlorobenzene	8.058	146	149728	45.124	ng	96
13) 1,4-Dichlorobenzene	8.199	146	155898	46.141	ng	97
14) 1,2-Dichlorobenzene	8.522	146	153991	47.005	ng	99
15) Benzyl Alcohol	8.393	79	136260	47.526	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.687	45	267455	41.782	ng	96
17) 2-Methylphenol	8.599	107	128186	47.669	ng	96
18) Hexachloroethane	9.263	117	57891	45.238	ng	97
19) n-Nitroso-di-n-propyla...	8.969	70	104474	44.236	ng	96
20) 3+4-Methylphenols	8.928	107	172329	46.779	ng	95
22) Acetophenone	8.986	105	222070	43.855	ng	99
24) Nitrobenzene	9.368	77	168595	44.387	ng	96
25) Isophorone	9.897	82	304278	42.505	ng	98
26) 2-Nitrophenol	10.085	139	82924	48.537	ng	94
27) 2,4-Dimethylphenol	10.138	122	137062	45.158	ng	99
28) bis(2-Chloroethoxy)met...	10.373	93	175795	44.731	ng	100
29) 2,4-Dichlorophenol	10.620	162	161878	49.677	ng	98
30) 1,2,4-Trichlorobenzene	10.843	180	186815	47.477	ng	98
31) Naphthalene	11.031	128	464876	44.122	ng	99
32) Benzoic acid	10.285	122	108794	50.446	ng	98
33) 4-Chloroaniline	11.131	127	49313	11.700	ng	99
34) Hexachlorobutadiene	11.319	225	146746	43.465	ng	97
35) Caprolactam	11.901	113	46291m	47.495	ng	
36) 4-Chloro-3-methylphenol	12.241	107	173370	47.800	ng	99
37) 2-Methylnaphthalene	12.623	142	320641	40.667	ng	99
38) 1-Methylnaphthalene	12.841	142	334820	42.749	ng	99
40) 1,2,4,5-Tetrachloroben...	12.988	216	273123	45.656	ng	99
41) Hexachlorocyclopentadiene	12.970	237	181558	42.342	ng	95
43) 2,4,6-Trichlorophenol	13.217	196	165757	47.210	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	189692	48.171	ng		98
46) 1,1'-Biphenyl	13.616	154	493951	44.740	ng		97
47) 2-Chloronaphthalene	13.663	162	387936	44.601	ng		99
48) 2-Nitroaniline	13.851	65	130207	46.542	ng		98
49) Acenaphthylene	14.503	152	668768	45.005	ng		98
50) Dimethylphthalate	14.221	163	510718	42.060	ng		99
51) 2,6-Dinitrotoluene	14.339	165	111951	47.913	ng		95
52) Acenaphthene	14.838	154	424042	47.593	ng		98
53) 3-Nitroaniline	14.668	138	66320	28.758	ng		94
54) 2,4-Dinitrophenol	14.868	184	102708	65.869	ng		92
55) Dibenzofuran	15.167	168	660092	44.813	ng		98
56) 4-Nitrophenol	14.968	139	175859	96.115	ng		93
57) 2,4-Dinitrotoluene	15.120	165	162957	46.520	ng		99
58) Fluorene	15.814	166	501755	43.432	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.391	232	195799	50.394	ng		98
60) Diethylphthalate	15.573	149	500848	43.057	ng		99
61) 4-Chlorophenyl-phenyle...	15.802	204	300874	43.396	ng		100
62) 4-Nitroaniline	15.820	138	95289	39.885	ng		98
63) Azobenzene	16.096	77	494473	51.108	ng		96
65) 4,6-Dinitro-2-methylph...	15.878	198	77742	40.376	ng		96
66) n-Nitrosodiphenylamine	16.013	169	461656	50.823	ng		100
67) 4-Bromophenyl-phenylether	16.695	248	223813	49.145	ng		97
68) Hexachlorobenzene	16.818	284	264122	47.869	ng		97
69) Atrazine	16.948	200	205324	46.883	ng		99
70) Pentachlorophenol	17.153	266	326908	98.575	ng		96
71) Phenanthrene	17.547	178	891708	46.996	ng		100
72) Anthracene	17.635	178	899685	46.501	ng		100
73) Carbazole	17.899	167	744762	44.778	ng		99
74) Di-n-butylphthalate	18.446	149	861272	46.415	ng		99
75) Fluoranthene	19.539	202	1048731	40.420	ng		99
77) Benzidine	19.709	184	266468	25.940	ng		98
78) Pyrene	19.897	202	1060660	55.174	ng		99
80) Butylbenzylphthalate	20.767	149	350558	51.844	ng		97
81) Benzo(a)anthracene	21.736	228	1097876	47.073	ng		99
82) 3,3'-Dichlorobenzidine	21.642	252	219625	25.584	ng		97
83) Chrysene	21.801	228	1023652	46.554	ng		99
84) Bis(2-ethylhexyl)phtha...	21.630	149	497488	50.349	ng		99
85) Di-n-octyl phthalate	22.858	149	830788	48.642	ng		100
87) Indeno(1,2,3-cd)pyrene	28.763	276	1348244	52.790	ng	#	98
88) Benzo(b)fluoranthene	23.981	252	1124970	47.554	ng		99
89) Benzo(k)fluoranthene	24.051	252	1082022	45.526	ng		98
90) Benzo(a)pyrene	24.868	252	1039844	47.384	ng	#	98
91) Dibenzo(a,h)anthracene	28.822	278	1082932	51.759	ng		96
92) Benzo(g,h,i)perylene	29.932	276	1070512	53.164	ng		96

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

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