Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112125\
Data File : BG064838.D
Acq On : 21 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 21 10:44:03 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	48270	20.000	ng	0.00
21) Naphthalene-d8	10.982	136	194414	20.000	ng	0.00
39) Acenaphthene-d10	14.771	164	163966	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	396055	20.000	ng	0.00
76) Chrysene-d12	21.751	240	455802	20.000	ng	0.00
86) Perylene-d12	25.006	264	445404	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	221733	80.214	ng	0.00
7) Phenol-d6	7.309	99	303010	82.416	ng	0.00
23) Nitrobenzene-d5	9.325	82	309084	78.605	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	256129	80.094	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	889499	75.696	ng	0.00
79) Terphenyl-d14	20.089	244	1987921	85.792	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.526	88	43170	40.340	ng	98
3) Pyridine	3.937	79	133704	41.933	ng	93
4) n-Nitrosodimethylamine	3.843	42	61936	38.165	ng	88
6) Aniline	7.480	93	201555	41.129	ng	98
8) 2-Chlorophenol	7.721	128	127350	41.957	ng	100
9) Benzaldehyde	7.286	77	91845	38.162	ng	95
10) Phenol	7.333	94	165996	41.496	ng	94
11) bis(2-Chloroethyl)ether	7.568	93	118658	41.685	ng	97
12) 1,3-Dichlorobenzene	8.056	146	140015	40.089	ng	98
13) 1,4-Dichlorobenzene	8.197	146	139078	39.107	ng	99
14) 1,2-Dichlorobenzene	8.520	146	138897	40.280	ng	99
15) Benzyl Alcohol	8.391	79	121950	40.410	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.684	45	242691	36.020	ng	97
17) 2-Methylphenol	8.596	107	115083	40.659	ng	97
18) Hexachloroethane	9.260	117	52452	38.940	ng	98
19) n-Nitroso-di-n-propyla...	8.966	70	101709	40.914	ng	91
20) 3+4-Methylphenols	8.925	107	157555	40.632	ng	93
22) Acetophenone	8.984	105	210507	39.743	ng	99
24) Nitrobenzene	9.366	77	158317	39.848	ng	99
25) Isophorone	9.895	82	302797	40.438	ng	98
26) 2-Nitrophenol	10.083	139	78312	43.822	ng	96
27) 2,4-Dimethylphenol	10.136	122	129134	40.675	ng	92
28) bis(2-Chloroethoxy)met...	10.371	93	172531	41.970	ng	99
29) 2,4-Dichlorophenol	10.617	162	146648	43.024	ng	96
30) 1,2,4-Trichlorobenzene	10.841	180	162391	39.455	ng	96
31) Naphthalene	11.029	128	439675	39.895	ng	99
32) Benzoic acid	10.265	122	97516m	44.069	ng	
33) 4-Chloroaniline	11.128	127	185494	42.075	ng	96
34) Hexachlorobutadiene	11.322	225	138630	39.256	ng	98
35) Caprolactam	11.892	113	43558	42.726	ng	93
36) 4-Chloro-3-methylphenol	12.233	107	158560	41.794	ng	97
37) 2-Methylnaphthalene	12.621	142	329892	40.000	ng	97
38) 1-Methylnaphthalene	12.838	142	328744	40.128	ng	100
40) 1,2,4,5-Tetrachloroben...	12.985	216	244026	38.242	ng	99
41) Hexachlorocyclopentadiene	12.968	237	161032	35.207	ng	98
43) 2,4,6-Trichlorophenol	13.214	196	148987	39.781	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	169662	40.392	ng		95
46) 1,1'-Biphenyl	13.614	154	453300	38.492	ng		97
47) 2-Chloronaphthalene	13.661	162	362340	39.054	ng		99
48) 2-Nitroaniline	13.849	65	120837	40.493	ng		98
49) Acenaphthylene	14.495	152	618793	39.039	ng		97
50) Dimethylphthalate	14.219	163	502854	38.824	ng		98
51) 2,6-Dinitrotoluene	14.336	165	101248	40.624	ng		95
52) Acenaphthene	14.836	154	385600	40.574	ng		99
53) 3-Nitroaniline	14.666	138	103713	42.162	ng		96
54) 2,4-Dinitrophenol	14.865	184	62579	41.306	ng		96
55) Dibenzofuran	15.165	168	611472	38.918	ng		97
56) 4-Nitrophenol	14.959	139	83864	42.970	ng		94
57) 2,4-Dinitrotoluene	15.118	165	155222	41.542	ng	#	94
58) Fluorene	15.811	166	470006	38.141	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.388	232	172399	41.598	ng		96
60) Diethylphthalate	15.570	149	488855	39.399	ng		99
61) 4-Chlorophenyl-phenyle...	15.799	204	288384	38.995	ng		99
62) 4-Nitroaniline	15.817	138	107929	42.352	ng		95
63) Azobenzene	16.093	77	401154	38.871	ng		96
65) 4,6-Dinitro-2-methylph...	15.876	198	99784	45.377	ng		95
66) n-Nitrosodiphenylamine	16.011	169	432589	41.699	ng		98
67) 4-Bromophenyl-phenylether	16.693	248	212623	40.880	ng		96
68) Hexachlorobenzene	16.816	284	250945	39.824	ng		97
69) Atrazine	16.945	200	197794	39.546	ng		98
70) Pentachlorophenol	17.151	266	151670	43.693	ng		96
71) Phenanthrene	17.544	178	859258	39.653	ng		99
72) Anthracene	17.639	178	885017	40.053	ng		100
73) Carbazole	17.897	167	749089	39.436	ng		99
74) Di-n-butylphthalate	18.443	149	854440	40.319	ng		99
75) Fluoranthene	19.536	202	1114962	37.627	ng		99
77) Benzidine	19.707	184	448208	32.834	ng		99
78) Pyrene	19.895	202	1144763	44.812	ng		99
80) Butylbenzylphthalate	20.764	149	385295	42.880	ng		98
81) Benzo(a)anthracene	21.734	228	1222330	39.439	ng		99
82) 3,3'-Dichlorobenzidine	21.640	252	417157	36.569	ng		99
83) Chrysene	21.798	228	1159200	39.672	ng		100
84) Bis(2-ethylhexyl)phtha...	21.628	149	542534	41.320	ng		98
85) Di-n-octyl phthalate	22.850	149	888093	39.130	ng		98
87) Indeno(1,2,3-cd)pyrene	28.737	276	1255082	41.015	ng	#	99
88) Benzo(b)fluoranthene	23.978	252	1129065	39.833	ng		99
89) Benzo(k)fluoranthene	24.043	252	1130446	39.697	ng		99
90) Benzo(a)pyrene	24.859	252	1047309	39.831	ng		100
91) Dibenzo(a,h)anthracene	28.802	278	1030239	41.097	ng		97
92) Benzo(g,h,i)perylene	29.906	276	998109	41.370	ng	#	97

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

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