Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064799.D
Acq On : 18 Nov 2025 12:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 18 12:47:22 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	8.164	152	48235	20.000	ng		0.00
21) Naphthalene-d8	10.978	136	186828	20.000	ng		0.00
39) Acenaphthene-d10	14.774	164	151237	20.000	ng		0.00
64) Phenanthrene-d10	17.500	188	378244	20.000	ng		0.00
76) Chrysene-d12	21.754	240	462465	20.000	ng		0.00
86) Perylene-d12	25.009	264	455207	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	217553	78.759	ng		0.00
7) Phenol-d6	7.306	99	293820	79.975	ng		0.00
23) Nitrobenzene-d5	9.327	82	302316	80.006	ng		0.00
42) 2,4,6-Tribromophenol	16.248	330	234306	79.437	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	835854	77.118	ng		0.00
79) Terphenyl-d14	20.091	244	1956806	83.233	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	39621	37.051	ng		98
3) Pyridine	3.939	79	124586	39.101	ng		99
4) n-Nitrosodimethylamine	3.845	42	58234	35.909	ng		87
6) Aniline	7.482	93	195851	39.994	ng		98
8) 2-Chlorophenol	7.723	128	122447	40.371	ng		97
9) Benzaldehyde	7.288	77	88012	36.596	ng		98
10) Phenol	7.335	94	162976	40.771	ng		94
11) bis(2-Chloroethyl)ether	7.570	93	118920	41.807	ng		99
12) 1,3-Dichlorobenzene	8.052	146	138506	39.686	ng		98
13) 1,4-Dichlorobenzene	8.199	146	140408	39.509	ng		96
14) 1,2-Dichlorobenzene	8.522	146	136943	39.742	ng		99
15) Benzyl Alcohol	8.393	79	119248	39.543	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.687	45	247038	36.692	ng		97
17) 2-Methylphenol	8.599	107	113653	40.183	ng		96
18) Hexachloroethane	9.257	117	50733	37.692	ng		95
19) n-Nitroso-di-n-propyla...	8.969	70	101042	40.675	ng		91
20) 3+4-Methylphenols	8.928	107	153166	39.529	ng		97
22) Acetophenone	8.986	105	209958	41.249	ng	#	95
24) Nitrobenzene	9.368	77	157047	41.133	ng		97
25) Isophorone	9.897	82	286217	39.776	ng		98
26) 2-Nitrophenol	10.085	139	73031	42.526	ng		95
27) 2,4-Dimethylphenol	10.132	122	125415	41.107	ng		94
28) bis(2-Chloroethoxy)met...	10.373	93	165776	41.964	ng		98
29) 2,4-Dichlorophenol	10.620	162	136684	41.729	ng		99
30) 1,2,4-Trichlorobenzene	10.843	180	157317	39.774	ng		96
31) Naphthalene	11.031	128	419381	39.598	ng		100
32) Benzoic acid	10.261	122	80990	38.885	ng		95
33) 4-Chloroaniline	11.125	127	176470	41.653	ng		97
34) Hexachlorobutadiene	11.319	225	131861	38.855	ng		98
35) Caprolactam	11.895	113	43151	44.045	ng	#	87
36) 4-Chloro-3-methylphenol	12.235	107	151449	41.541	ng		97
37) 2-Methylnaphthalene	12.623	142	312343	39.410	ng		98
38) 1-Methylnaphthalene	12.841	142	309319	39.290	ng		99
40) 1,2,4,5-Tetrachloroben...	12.988	216	228603	38.840	ng		99
41) Hexachlorocyclopentadiene	12.970	237	159557	37.821	ng		98
43) 2,4,6-Trichlorophenol	13.217	196	140293	40.613	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	155625	40.168	ng		96
46) 1,1'-Biphenyl	13.616	154	420430	38.705	ng		98
47) 2-Chloronaphthalene	13.663	162	336969	39.376	ng		98
48) 2-Nitroaniline	13.851	65	115360	41.911	ng		99
49) Acenaphthylene	14.498	152	578090	39.541	ng		98
50) Dimethylphthalate	14.216	163	471562	39.472	ng		97
51) 2,6-Dinitrotoluene	14.333	165	94651	41.173	ng		98
52) Acenaphthene	14.838	154	355990	40.611	ng		98
53) 3-Nitroaniline	14.662	138	98294	43.322	ng		97
54) 2,4-Dinitrophenol	14.862	184	57590	41.231	ng	#	73
55) Dibenzofuran	15.167	168	571101	39.408	ng		97
56) 4-Nitrophenol	14.956	139	79574	44.204	ng		98
57) 2,4-Dinitrotoluene	15.114	165	146447	42.493	ng		98
58) Fluorene	15.814	166	442954	38.971	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.385	232	161281	42.191	ng		97
60) Diethylphthalate	15.573	149	463863	40.532	ng		99
61) 4-Chlorophenyl-phenyle...	15.802	204	269848	39.560	ng		99
62) 4-Nitroaniline	15.820	138	105356	44.822	ng		93
63) Azobenzene	16.090	77	381695	40.098	ng		98
65) 4,6-Dinitro-2-methylph...	15.878	198	95856	45.644	ng		97
66) n-Nitrosodiphenylamine	16.008	169	405863	40.965	ng		99
67) 4-Bromophenyl-phenylether	16.689	248	199498	40.163	ng		99
68) Hexachlorobenzene	16.812	284	238603	39.648	ng		99
69) Atrazine	16.948	200	191104	40.007	ng		98
70) Pentachlorophenol	17.153	266	141056	42.710	ng		95
71) Phenanthrene	17.547	178	836435	40.417	ng		100
72) Anthracene	17.635	178	855270	40.530	ng		98
73) Carbazole	17.899	167	729900	40.235	ng		100
74) Di-n-butylphthalate	18.446	149	829570	40.989	ng		100
75) Fluoranthene	19.539	202	1097600	38.785	ng		99
77) Benzidine	19.709	184	469297	33.884	ng		98
78) Pyrene	19.897	202	1136034	43.830	ng		99
80) Butylbenzylphthalate	20.767	149	389152	42.685	ng		97
81) Benzo(a)anthracene	21.736	228	1229496	39.099	ng		99
82) 3,3'-Dichlorobenzidine	21.642	252	421764	36.440	ng		99
83) Chrysene	21.801	228	1164626	39.284	ng		99
84) Bis(2-ethylhexyl)phtha...	21.630	149	530522	39.823	ng		100
85) Di-n-octyl phthalate	22.858	149	880187	38.222	ng		98
87) Indeno(1,2,3-cd)pyrene	28.746	276	1292789	41.337	ng	#	96
88) Benzo(b)fluoranthene	23.975	252	1151279	39.742	ng		99
89) Benzo(k)fluoranthene	24.045	252	1168193	40.139	ng		99
90) Benzo(a)pyrene	24.862	252	1064131	39.600	ng		97
91) Dibenzo(a,h)anthracene	28.804	278	1063773	41.520	ng		97
92) Benzo(g,h,i)perylene	29.915	276	1034901	41.971	ng		98

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

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