Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
Data File : BG064836.D
Acq On : 20 Nov 2025 16:42
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 20 17:17:29 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	8.165	152	46340	20.000	ng		0.00
21) Naphthalene-d8	10.979	136	195957	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	161199	20.000	ng		0.00
64) Phenanthrene-d10	17.501	188	387720	20.000	ng		0.00
76) Chrysene-d12	21.755	240	436238	20.000	ng		0.00
86) Perylene-d12	25.004	264	431016	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.697	112	214998	81.017	ng		0.00
7) Phenol-d6	7.307	99	301003	85.280	ng		0.00
23) Nitrobenzene-d5	9.328	82	312840	78.934	ng		0.00
42) 2,4,6-Tribromophenol	16.250	330	251694	80.058	ng		0.00
45) 2-Fluorobiphenyl	13.406	172	900379	77.937	ng		0.00
79) Terphenyl-d14	20.086	244	1898336	85.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.529	88	38528	37.502	ng		97
3) Pyridine	3.940	79	124023	40.516	ng		99
4) n-Nitrosodimethylamine	3.846	42	58582	37.601	ng		85
6) Aniline	7.477	93	198379	42.167	ng		97
8) 2-Chlorophenol	7.724	128	125010	42.902	ng		95
9) Benzaldehyde	7.289	77	91082	39.421	ng		98
10) Phenol	7.336	94	162611	42.343	ng		94
11) bis(2-Chloroethyl)ether	7.566	93	114082	41.746	ng		98
12) 1,3-Dichlorobenzene	8.053	146	136868	40.820	ng		100
13) 1,4-Dichlorobenzene	8.194	146	137280	40.209	ng		97
14) 1,2-Dichlorobenzene	8.523	146	133882	40.442	ng		98
15) Benzyl Alcohol	8.394	79	125354	43.268	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.688	45	244956	37.870	ng		98
17) 2-Methylphenol	8.600	107	115515	42.511	ng		95
18) Hexachloroethane	9.258	117	52267	40.419	ng		98
19) n-Nitroso-di-n-propyla...	8.964	70	104045	43.597	ng		92
20) 3+4-Methylphenols	8.929	107	159666	42.892	ng		95
22) Acetophenone	8.982	105	211674	39.649	ng	#	99
24) Nitrobenzene	9.369	77	158814	39.658	ng		98
25) Isophorone	9.892	82	306484	40.608	ng		98
26) 2-Nitrophenol	10.080	139	78686	43.684	ng		92
27) 2,4-Dimethylphenol	10.133	122	129947	40.608	ng		96
28) bis(2-Chloroethoxy)met...	10.368	93	169505	40.909	ng		100
29) 2,4-Dichlorophenol	10.621	162	147764	43.010	ng		96
30) 1,2,4-Trichlorobenzene	10.838	180	162867	39.259	ng		97
31) Naphthalene	11.032	128	442288	39.816	ng		100
32) Benzoic acid	10.268	122	100747	45.024	ng		95
33) 4-Chloroaniline	11.126	127	184293	41.473	ng		97
34) Hexachlorobutadiene	11.320	225	134321	37.736	ng		100
35) Caprolactam	11.896	113	44956	43.750	ng		93
36) 4-Chloro-3-methylphenol	12.237	107	157501	41.188	ng		95
37) 2-Methylnaphthalene	12.618	142	340819	41.000	ng		98
38) 1-Methylnaphthalene	12.836	142	329317	39.881	ng		100
40) 1,2,4,5-Tetrachloroben...	12.983	216	246699	39.325	ng		99
41) Hexachlorocyclopentadiene	12.971	237	172518	38.366	ng		98
43) 2,4,6-Trichlorophenol	13.212	196	152429	41.399	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	173330	41.973	ng		96
46) 1,1'-Biphenyl	13.611	154	454951	39.295	ng		96
47) 2-Chloronaphthalene	13.658	162	363822	39.887	ng		98
48) 2-Nitroaniline	13.846	65	122686	41.818	ng		96
49) Acenaphthylene	14.499	152	612092	39.280	ng		98
50) Dimethylphthalate	14.217	163	499958	39.263	ng		99
51) 2,6-Dinitrotoluene	14.334	165	101427	41.394	ng		95
52) Acenaphthene	14.839	154	385685	41.279	ng		98
53) 3-Nitroaniline	14.663	138	103633	42.853	ng		89
54) 2,4-Dinitrophenol	14.863	184	67837	44.664	ng		89
55) Dibenzofuran	15.168	168	606172	39.243	ng		97
56) 4-Nitrophenol	14.963	139	82305	42.895	ng		94
57) 2,4-Dinitrotoluene	15.116	165	154572	42.078	ng		96
58) Fluorene	15.815	166	468814	38.697	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.386	232	172826	42.417	ng		97
60) Diethylphthalate	15.574	149	478331	39.213	ng		99
61) 4-Chlorophenyl-phenyle...	15.797	204	281522	38.720	ng		99
62) 4-Nitroaniline	15.821	138	104818	41.838	ng		93
63) Azobenzene	16.091	77	399187	39.344	ng		97
65) 4,6-Dinitro-2-methylph...	15.879	198	102456	47.594	ng		90
66) n-Nitrosodiphenylamine	16.009	169	417709	41.131	ng		97
67) 4-Bromophenyl-phenylether	16.690	248	210260	41.295	ng		98
68) Hexachlorobenzene	16.814	284	249271	40.409	ng		96
69) Atrazine	16.949	200	192037	39.220	ng		95
70) Pentachlorophenol	17.148	266	154762	45.282	ng		95
71) Phenanthrene	17.542	178	842351	39.708	ng		99
72) Anthracene	17.636	178	869705	40.207	ng		100
73) Carbazole	17.901	167	727035	39.098	ng		99
74) Di-n-butylphthalate	18.447	149	821314	39.589	ng		99
75) Fluoranthene	19.540	202	1075309	37.069	ng		100
77) Benzidine	19.704	184	398962	30.538	ng		98
78) Pyrene	19.898	202	1097486	44.888	ng		99
80) Butylbenzylphthalate	20.768	149	371766	43.230	ng		95
81) Benzo(a)anthracene	21.731	228	1175002	39.612	ng		99
82) 3,3'-Dichlorobenzidine	21.637	252	394895	36.170	ng		99
83) Chrysene	21.802	228	1100582	39.355	ng		100
84) Bis(2-ethylhexyl)phtha...	21.626	149	510351	40.612	ng		99
85) Di-n-octyl phthalate	22.854	149	832807	38.339	ng		100
87) Indeno(1,2,3-cd)pyrene	28.741	276	1217662	41.120	ng	#	95
88) Benzo(b)fluoranthene	23.976	252	1067269	38.910	ng		99
89) Benzo(k)fluoranthene	24.040	252	1102900	40.023	ng		99
90) Benzo(a)pyrene	24.857	252	1003858	39.453	ng		99
91) Dibenzo(a,h)anthracene	28.800	278	1007817	41.544	ng		96
92) Benzo(g,h,i)perylene	29.898	276	984263	42.158	ng		99

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

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