

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020325\
 Data File : BG063982.D
 Acq On : 3 Feb 2025 15:42
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Quant Time: Feb 04 02:47:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 04 02:44:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	62459	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	273389	20.000	ng	0.00
39) Acenaphthene-d10	14.500	164	186977	20.000	ng	0.00
64) Phenanthrene-d10	17.238	188	403592	20.000	ng	0.00
76) Chrysene-d12	21.474	240	417408	20.000	ng	0.00
86) Perylene-d12	24.506	264	436876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	650899	167.085	ng	0.00
7) Phenol-d6	7.044	99	902102	168.742	ng	0.00
23) Nitrobenzene-d5	9.036	82	839767	186.683	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	355478	160.485	ng	0.00
45) 2-Fluorobiphenyl	13.131	172	1852954	151.836	ng	0.00
79) Terphenyl-d14	19.864	244	2922013	146.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.389	88	136601	73.835	ng	97
3) Pyridine	3.777	79	403771m	80.788	ng	
4) n-Nitrosodimethylamine	3.689	42	231590	80.620	ng	98
6) Aniline	7.208	93	468274	81.738	ng	97
8) 2-Chlorophenol	7.443	128	349575	88.064	ng	99
9) Benzaldehyde	7.015	77	183513	62.880	ng	98
10) Phenol	7.073	94	473065	84.063	ng	99
11) bis(2-Chloroethyl)ether	7.308	93	356668	78.709	ng	99
12) 1,3-Dichlorobenzene	7.767	146	361404	76.511	ng	100
13) 1,4-Dichlorobenzene	7.914	146	365887	76.698	ng	98
14) 1,2-Dichlorobenzene	8.231	146	361228	79.004	ng	99
15) Benzyl Alcohol	8.113	79	354699	88.766	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.413	45	748382	82.015	ng	100
17) 2-Methylphenol	8.313	107	313301	86.082	ng	97
18) Hexachloroethane	8.959	117	132894	84.647	ng	93
19) n-Nitroso-di-n-propyla...	8.689	70	316993	85.624	ng	# 95
20) 3+4-Methylphenols	8.648	107	426775	88.016	ng	99
22) Acetophenone	8.695	105	603404	80.330	ng	# 97
24) Nitrobenzene	9.077	77	434588	80.742	ng	98
25) Isophorone	9.600	82	823666	84.466	ng	99
27) 2,4-Dimethylphenol	9.841	122	250246	89.211	ng	96
28) bis(2-Chloroethoxy)met...	10.082	93	517846	83.457	ng	99
29) 2,4-Dichlorophenol	10.311	162	329456	81.039	ng	97
30) 1,2,4-Trichlorobenzene	10.528	180	371697	80.656	ng	97
31) Naphthalene	10.716	128	1179655	80.482	ng	99
32) Benzoic acid	10.023	122	207541m	79.387	ng	
33) 4-Chloroaniline	10.822	127	469625	83.625	ng	98
34) Hexachlorobutadiene	11.010	225	237954	81.081	ng	99
35) Caprolactam	11.609	113	117009m	77.841	ng	
36) 4-Chloro-3-methylphenol	11.944	107	401026	89.317	ng	99
37) 2-Methylnaphthalene	12.326	142	824161	80.688	ng	96
38) 1-Methylnaphthalene	12.543	142	815579	80.698	ng	98
40) 1,2,4,5-Tetrachloroben...	12.690	216	443056	80.354	ng	99
41) Hexachlorocyclopentadiene	12.679	237	142868	96.043	ng	98
43) 2,4,6-Trichlorophenol	12.931	196	276858	81.598	ng	97
44) 2,4,5-Trichlorophenol	13.002	196	305225	80.794	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.337	154	1116671	78.441	ng	98
47) 2-Chloronaphthalene	13.378	162	832679	80.250	ng	98
48) 2-Nitroaniline	13.572	65	267219	79.130	ng	97
49) Acenaphthylene	14.224	152	1296806	80.463	ng	99
50) Dimethylphthalate	13.965	163	1076898	86.865	ng	100
51) 2,6-Dinitrotoluene	14.077	165	216080	79.007	ng	91
52) Acenaphthene	14.565	154	883156	81.692	ng	98
53) 3-Nitroaniline	14.400	138	231035	80.061	ng	97
54) 2,4-Dinitrophenol	14.606	184	63523	79.449	ng	88
55) Dibenzofuran	14.899	168	1369362	78.009	ng	98
56) 4-Nitrophenol	14.706	139	192405	80.216	ng	95
57) 2,4-Dinitrotoluene	14.858	165	285847	78.838	ng	97
58) Fluorene	15.552	166	1034340	76.235	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.123	232	299460	81.064	ng	99
60) Diethylphthalate	15.334	149	1126041	85.669	ng	99
61) 4-Chlorophenyl-phenylether	15.546	204	524356	77.025	ng	99
62) 4-Nitroaniline	15.569	138	235601	77.688	ng	96
63) Azobenzene	15.840	77	1216060	78.330	ng	100
65) 4,6-Dinitro-2-methylphthalate	15.622	198	110881	79.654	ng	96
66) n-Nitrosodiphenylamine	15.763	169	907085	81.062	ng	98
67) 4-Bromophenyl-phenylether	16.439	248	345807	86.083	ng	98
68) Hexachlorobenzene	16.550	284	378854	80.218	ng	95
69) Atrazine	16.709	200	316302	84.940	ng	98
70) Pentachlorophenol	16.891	266	251409	81.316	ng	97
71) Phenanthrene	17.285	178	1652070	77.937	ng	99
72) Anthracene	17.373	178	1679507	79.182	ng	99
73) Carbazole	17.637	167	1543432	77.732	ng	99
74) Di-n-butylphthalate	18.219	149	1845855	89.183	ng	99
75) Fluoranthene	19.294	202	1954193	75.708	ng	98
77) Benzidine	19.476	184	819347	92.181	ng	98
78) Pyrene	19.653	202	2029361	78.753	ng	98
80) Butylbenzylphthalate	20.558	149	766231	80.855	ng	98
81) Benzo(a)anthracene	21.456	228	2094477	79.032	ng	97
82) 3,3'-Dichlorobenzidine	21.380	252	735114	89.070	ng	99
83) Chrysene	21.521	228	2033841	77.117	ng	99
84) Bis(2-ethylhexyl)phthalate	21.404	149	1206467	80.301	ng	99
85) Di-n-octyl phthalate	22.561	149	2046672	81.075	ng	99
87) Indeno(1,2,3-cd)pyrene	27.943	276	2396769	85.039	ng	99
88) Benzo(b)fluoranthene	23.554	252	2114269	82.186	ng	99
89) Benzo(k)fluoranthene	23.619	252	2170201	82.157	ng	99
90) Benzo(a)pyrene	24.371	252	1922777	83.736	ng	99
91) Dibenzo(a,h)anthracene	28.008	278	2031458	85.360	ng	98
92) Benzo(g,h,i)perylene	29.012	276	2039172	84.876	ng	98

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

BNA G

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