

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053454.D
 Acq On : 5 May 2022 17:18
 Operator : CG/JU
 Sample : N2677-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2,7MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/06/2022
 Supervised By : mohammad ahmed 05/09/2022

Quant Time: May 06 03:47:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	23384	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	90982	20.000	ng	-0.01
39) Acenaphthene-d10	14.717	164	71218	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	181512	20.000	ng	0.00
76) Chrysene-d12	21.743	240	187198	20.000	ng	0.00
86) Perylene-d12	25.015	264	200649	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	165420	120.056	ng	0.00
7) Phenol-d6	7.256	99	243345	116.372	ng	0.00
23) Nitrobenzene-d5	9.254	82	166490	77.897	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	126840	120.756	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	364745	74.840	ng	0.00
79) Terphenyl-d14	20.062	244	774313	77.038	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.532	88	29595	40.937	ng	95
3) Pyridine	3.937	79	69581	39.411	ng	93
4) n-Nitrosodimethylamine	3.849	42	43744	50.863	ng	# 99
6) Aniline	7.409	93	96996	41.880	ng	96
8) 2-Chlorophenol	7.656	128	75433	52.369	ng	95
9) Benzaldehyde	7.221	77	52344m	39.402	ng	
10) Phenol	7.280	94	105286	51.480	ng	99
11) bis(2-Chloroethyl)ether	7.503	93	73039	47.885	ng	95
12) 1,3-Dichlorobenzene	7.979	146	80068	47.119	ng	92
13) 1,4-Dichlorobenzene	8.126	146	81274	47.397	ng	95
14) 1,2-Dichlorobenzene	8.449	146	77474	48.114	ng	99
15) Benzyl Alcohol	8.325	79	86108m	49.254	ng	
16) 2,2'-oxybis(1-Chloropr...	8.613	45	116111	46.772	ng	99
17) 2-Methylphenol	8.531	107	70151	50.749	ng	97
18) Hexachloroethane	9.177	117	31460	48.313	ng	94
19) n-Nitroso-di-n-propyla...	8.889	70	67587	45.048	ng	# 98
20) 3+4-Methylphenols	8.860	107	96923	49.647	ng	99
22) Acetophenone	8.913	105	119163	47.856	ng	# 97
24) Nitrobenzene	9.295	77	106301	51.387	ng	98
25) Isophorone	9.818	82	190668	53.007	ng	98
26) 2-Nitrophenol	10.011	139	43550	51.979	ng	98
27) 2,4-Dimethylphenol	10.064	122	76571	60.727	ng	94
28) bis(2-Chloroethoxy)met...	10.293	93	100036	48.356	ng	96
29) 2,4-Dichlorophenol	10.552	162	83453	54.839	ng	94
30) 1,2,4-Trichlorobenzene	10.763	180	83468	48.275	ng	99
31) Naphthalene	10.951	128	231498	50.021	ng	99
32) Benzoic acid	10.240	122	35157m	45.206	ng	
33) 4-Chloroaniline	11.057	127	52738	27.210	ng	95
34) Hexachlorobutadiene	11.233	225	62845	49.017	ng	97
35) Caprolactam	11.827	113	28367m	51.295	ng	
36) 4-Chloro-3-methylphenol	12.179	107	95288	52.347	ng	99
37) 2-Methylnaphthalene	12.549	142	169222	48.996	ng	96
38) 1-Methylnaphthalene	12.766	142	165334	49.064	ng	97
40) 1,2,4,5-Tetrachloroben...	12.919	216	108328	48.255	ng	# 98
41) Hexachlorocyclopentadiene	12.896	237	111369	117.179	ng	98
43) 2,4,6-Trichlorophenol	13.154	196	73013	49.826	ng	94

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44) 2,4,5-Trichlorophenol	13.231	196	80521	51.630	ng	98
46) 1,1'-Biphenyl	13.548	154	239187	49.271	ng	98
47) 2-Chloronaphthalene	13.595	162	185943	48.889	ng	99
48) 2-Nitroaniline	13.794	65	75934	53.580	ng	98
49) Acenaphthylene	14.441	152	323743	53.342	ng	99
50) Dimethylphthalate	14.165	163	267143	49.362	ng	100
51) 2,6-Dinitrotoluene	14.282	165	57828	52.448	ng	97
52) Acenaphthene	14.781	154	181674	50.229	ng	99
53) 3-Nitroaniline	14.617	138	41009	34.423	ng	97
54) 2,4-Dinitrophenol	14.828	184	67514	95.180	ng	95
55) Dibenzofuran	15.110	168	309082	47.575	ng	98
56) 4-Nitrophenol	14.934	139	94381	110.919	ng	87
57) 2,4-Dinitrotoluene	15.075	165	85513	53.506	ng	# 93
58) Fluorene	15.762	166	256371	49.174	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.345	232	80323	50.762	ng	99
60) Diethylphthalate	15.522	149	277682	49.672	ng	99
61) 4-Chlorophenyl-phenyle...	15.745	204	141893	48.774	ng	98
62) 4-Nitroaniline	15.780	138	62824	50.843	ng	100
63) Azobenzene	16.038	77	280121	48.934	ng	98
65) 4,6-Dinitro-2-methylph...	15.845	198	53068	49.065	ng	97
66) n-Nitrosodiphenylamine	15.962	169	237048	49.741	ng	99
67) 4-Bromophenyl-phenylether	16.644	248	104772	49.424	ng	98
68) Hexachlorobenzene	16.773	284	115107	49.580	ng	99
69) Atrazine	16.908	200	106995	53.331	ng	96
70) Pentachlorophenol	17.114	266	121455	96.146	ng	93
71) Phenanthrene	17.501	178	458256	49.651	ng	96
72) Anthracene	17.595	178	471351	51.958	ng	98
73) Carbazole	17.860	167	432574	48.653	ng	99
74) Di-n-butylphthalate	18.406	149	509335	50.937	ng	100
75) Fluoranthene	19.510	202	607054	50.797	ng	98
77) Benzidine	19.681	184	318369	78.906	ng	97
78) Pyrene	19.869	202	606088	50.014	ng	99
80) Butylbenzylphthalate	20.744	149	224270	50.469	ng	96
81) Benzo(a)anthracene	21.719	228	596703	49.976	ng	100
82) 3,3'-Dichlorobenzidine	21.625	252	111068	36.683	ng	98
83) Chrysene	21.790	228	545626	48.929	ng	97
84) Bis(2-ethylhexyl)phtha...	21.607	149	319508	52.094	ng	99
85) Di-n-octyl phthalate	22.835	149	542783	52.335	ng	100
87) Indeno(1,2,3-cd)pyrene	28.786	276	685524	49.054	ng	# 98
88) Benzo(b)fluoranthene	23.981	252	627821	52.861	ng	100
89) Benzo(k)fluoranthene	24.045	252	598254	51.261	ng	97
90) Benzo(a)pyrene	24.868	252	610496	60.392	ng	98
91) Dibenzo(a,h)anthracene	28.839	278	591087	51.331	ng	98
92) Benzo(g,h,i)perylene	29.955	276	590398	51.724	ng	97

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

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