

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053031.D
 Acq On : 5 Apr 2022 14:36
 Operator : CG/JU
 Sample : PB143892BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143892BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/06/2022
 Supervised By : Jagrut Upadhyay 04/06/2022

Quant Time: Apr 05 16:24:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	30775	20.000	ng	-0.01
21) Naphthalene-d8	10.942	136	126326	20.000	ng	#-0.02
39) Acenaphthene-d10	14.754	164	95539	20.000	ng	-0.01
64) Phenanthrene-d10	17.497	188	225436	20.000	ng	0.00
76) Chrysene-d12	21.780	240	240233	20.000	ng	-0.02
86) Perylene-d12	25.081	264	254973	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	232172	131.383	ng	0.00
7) Phenol-d6	7.288	99	332822	124.926	ng	0.00
23) Nitrobenzene-d5	9.297	82	234905	93.330	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	166827	129.949	ng	-0.01
45) 2-Fluorobiphenyl	13.380	172	503707	77.758	ng	-0.01
79) Terphenyl-d14	20.094	244	1037693	76.838	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.581	88	31968	36.164	ng	# 93
3) Pyridine	3.986	79	66074	29.159	ng	# 91
4) n-Nitrosodimethylamine	3.892	42	50883	50.618	ng	87
6) Aniline	7.452	93	109179	34.950	ng	98
8) 2-Chlorophenol	7.699	128	86964	46.835	ng	91
9) Benzaldehyde	7.264	77	56843	38.377	ng	96
10) Phenol	7.311	94	123007	46.773	ng	84
11) bis(2-Chloroethyl)ether	7.540	93	86332	43.470	ng	90
12) 1,3-Dichlorobenzene	8.022	146	92627	41.431	ng	# 92
13) 1,4-Dichlorobenzene	8.169	146	93668	41.699	ng	94
14) 1,2-Dichlorobenzene	8.492	146	91688	43.159	ng	95
15) Benzyl Alcohol	8.363	79	102940	45.889	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.656	45	146807	42.447	ng	99
17) 2-Methylphenol	8.568	107	81809	46.663	ng	93
18) Hexachloroethane	9.220	117	36850	44.713	ng	92
19) n-Nitroso-di-n-propyla...	8.933	70	80391	42.605	ng	# 93
20) 3+4-Methylphenols	8.897	107	110277	44.946	ng	92
22) Acetophenone	8.950	105	142025	43.445	ng	# 93
24) Nitrobenzene	9.338	77	122773	48.751	ng	91
25) Isophorone	9.861	82	210431	43.178	ng	97
26) 2-Nitrophenol	10.049	139	48793	55.792	ng	# 79
27) 2,4-Dimethylphenol	10.102	122	84836	47.416	ng	94
28) bis(2-Chloroethoxy)met...	10.337	93	118162	41.004	ng	# 98
29) 2,4-Dichlorophenol	10.583	162	94787	47.081	ng	96
30) 1,2,4-Trichlorobenzene	10.807	180	99642	41.955	ng	95
31) Naphthalene	10.995	128	272533	41.719	ng	99
32) Benzoic acid	10.231	122	48440	37.823	ng	91
33) 4-Chloroaniline	11.094	127	66838	24.140	ng	94
34) Hexachlorobutadiene	11.282	225	73564	43.201	ng	97
35) Caprolactam	11.864	113	30074m	54.707	ng	
36) 4-Chloro-3-methylphenol	12.205	107	108559	46.435	ng	95
37) 2-Methylnaphthalene	12.592	142	204719	42.792	ng	95
38) 1-Methylnaphthalene	12.810	142	190985	40.905	ng	98
40) 1,2,4,5-Tetrachloroben...	12.957	216	129046	43.234	ng	99
41) Hexachlorocyclopentadiene	12.939	237	169095	95.573	ng	94
43) 2,4,6-Trichlorophenol	13.186	196	87783	45.924	ng	94

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44) 2,4,5-Trichlorophenol	13.262	196	94561	48.739	ng	96
46) 1,1'-Biphenyl	13.585	154	277295	41.503	ng	99
47) 2-Chloronaphthalene	13.632	162	215082	40.877	ng	98
48) 2-Nitroaniline	13.826	65	86550	60.145	ng	92
49) Acenaphthylene	14.478	152	350118	41.742	ng	98
50) Dimethylphthalate	14.196	163	291408	41.040	ng	100
51) 2,6-Dinitrotoluene	14.314	165	62990	52.543	ng	# 79
52) Acenaphthene	14.819	154	262756m	48.899	ng	
53) 3-Nitroaniline	14.648	138	45830	32.670	ng	94
54) 2,4-Dinitrophenol	14.848	184	78711	120.450	ng	# 84
55) Dibenzofuran	15.148	168	347527	39.604	ng	97
56) 4-Nitrophenol	14.948	139	109437	95.635	ng	# 69
57) 2,4-Dinitrotoluene	15.101	165	93534	56.231	ng	# 82
58) Fluorene	15.800	166	291636	40.771	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.371	232	94369	45.506	ng	98
60) Diethylphthalate	15.559	149	303869	40.542	ng	99
61) 4-Chlorophenyl-phenyle...	15.782	204	157598	39.950	ng	98
62) 4-Nitroaniline	15.806	138	68244	46.039	ng	# 76
63) Azobenzene	16.076	77	319796	39.919	ng	95
65) 4,6-Dinitro-2-methylph...	15.864	198	56841	56.556	ng	91
66) n-Nitrosodiphenylamine	15.994	169	261301	41.171	ng	99
67) 4-Bromophenyl-phenylether	16.675	248	112662	41.452	ng	96
68) Hexachlorobenzene	16.804	284	128207	43.885	ng	96
69) Atrazine	16.939	200	111223	47.526	ng	95
70) Pentachlorophenol	17.145	266	156792	86.510	ng	92
71) Phenanthrene	17.539	178	502546	41.670	ng	97
72) Anthracene	17.627	178	509180	42.708	ng	99
73) Carbazole	17.891	167	472068	39.979	ng	99
74) Di-n-butylphthalate	18.443	149	540119	41.872	ng	98
75) Fluoranthene	19.542	202	671094	43.837	ng	100
77) Benzidine	19.712	184	245562	39.632	ng	99
78) Pyrene	19.906	202	678007	40.687	ng	98
80) Butylbenzylphthalate	20.781	149	250360	42.353	ng	99
81) Benzo(a)anthracene	21.762	228	667677	41.506	ng	98
82) 3,3'-Dichlorobenzidine	21.668	252	163966	28.864	ng	99
83) Chrysene	21.827	228	639157	42.264	ng	99
84) Bis(2-ethylhexyl)phtha...	21.657	149	349982	43.536	ng	99
85) Di-n-octyl phthalate	22.896	149	603445	45.091	ng	96
87) Indeno(1,2,3-cd)pyrene	28.864	276	807630	46.277	ng	98
88) Benzo(b)fluoranthene	24.036	252	716674	45.269	ng	99
89) Benzo(k)fluoranthene	24.100	252	678930	43.588	ng	99
90) Benzo(a)pyrene	24.929	252	686476	51.226	ng	99
91) Dibenzo(a,h)anthracene	28.935	278	675636	46.983	ng	98
92) Benzo(g,h,i)perylene	30.051	276	676073	47.515	ng	98

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

