

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057602.D
 Acq On : 27 May 2023 3:25
 Operator : CG/JU
 Sample : PB153018BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153018BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023
 Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 27 04:49:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	16088	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	69804	20.000	ng	# 0.00
39) Acenaphthene-d10	14.963	164	57874	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	168841	20.000	ng	0.00
76) Chrysene-d12	22.019	240	156564	20.000	ng	0.00
86) Perylene-d12	25.520	264	168706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	140835	152.085	ng	0.00
7) Phenol-d6	7.497	99	214220	147.817	ng	0.00
23) Nitrobenzene-d5	9.530	82	127581	85.438	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	125280	135.207	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	337304	83.759	ng	0.00
79) Terphenyl-d14	20.274	244	815468	90.223	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.649	88	13197	34.396	ng	95
3) Pyridine	4.078	79	37383m	31.870	ng	
4) n-Nitrosodimethylamine	3.984	42	19848	41.821	ng	# 94
6) Aniline	7.656	93	57590	32.848	ng	97
8) 2-Chlorophenol	7.908	128	50493	50.789	ng	93
9) Benzaldehyde	7.474	77	30690	31.963	ng	94
10) Phenol	7.521	94	71155	51.875	ng	99
11) bis(2-Chloroethyl)ether	7.744	93	45339	44.267	ng	99
12) 1,3-Dichlorobenzene	8.231	146	50114	47.315	ng	96
13) 1,4-Dichlorobenzene	8.378	146	50977	47.309	ng	96
14) 1,2-Dichlorobenzene	8.707	146	49375	46.978	ng	94
15) Benzyl Alcohol	8.584	79	54132	48.557	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.866	45	57794	45.443	ng	96
17) 2-Methylphenol	8.789	107	49019	48.664	ng	98
18) Hexachloroethane	9.441	117	17994	48.769	ng	96
19) n-Nitroso-di-n-propyla...	9.148	70	42930	42.639	ng	99
20) 3+4-Methylphenols	9.118	107	66609	47.106	ng	98
22) Acetophenone	9.177	105	80635	43.200	ng	98
24) Nitrobenzene	9.571	77	63597	41.957	ng	96
25) Isophorone	10.088	82	121160	41.280	ng	99
26) 2-Nitrophenol	10.287	139	28871	44.423	ng	96
27) 2,4-Dimethylphenol	10.334	122	55988	49.828	ng	95
28) bis(2-Chloroethoxy)met...	10.563	93	65934	43.322	ng	99
29) 2,4-Dichlorophenol	10.834	162	58099	49.231	ng	99
30) 1,2,4-Trichlorobenzene	11.045	180	55558	43.196	ng	96
31) Naphthalene	11.233	128	157864	42.752	ng	99
32) Benzoic acid	10.493	122	28321m	43.892	ng	
33) 4-Chloroaniline	11.345	127	39240	23.108	ng	98
34) Hexachlorobutadiene	11.503	225	37658	42.331	ng	97
35) Caprolactam	12.114	113	23872m	48.795	ng	
36) 4-Chloro-3-methylphenol	12.443	107	68811	49.260	ng	96
37) 2-Methylnaphthalene	12.813	142	121734	42.004	ng	98
38) 1-Methylnaphthalene	13.031	142	114785	41.504	ng	99
40) 1,2,4,5-Tetrachloroben...	13.178	216	80636	42.449	ng	99
41) Hexachlorocyclopentadiene	13.148	237	48857	92.366	ng	93
43) 2,4,6-Trichlorophenol	13.413	196	56039	46.859	ng	95

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44) 2,4,5-Trichlorophenol	13.501	196	63414	44.522	ng	96
46) 1,1'-Biphenyl	13.800	154	180914	43.738	ng	98
47) 2-Chloronaphthalene	13.853	162	136038	43.664	ng	99
48) 2-Nitroaniline	14.059	65	49273	45.149	ng	98
49) Acenaphthylene	14.693	152	229429	43.487	ng	100
50) Dimethylphthalate	14.405	163	207804	43.566	ng	98
51) 2,6-Dinitrotoluene	14.535	165	46913	45.945	ng	94
52) Acenaphthene	15.028	154	138455	42.889	ng	94
53) 3-Nitroaniline	14.875	138	28333	26.604	ng	# 97
54) 2,4-Dinitrophenol	15.093	184	59284	94.783	ng	99
55) Dibenzofuran	15.363	168	237755	43.102	ng	99
56) 4-Nitrophenol	15.187	139	71954	101.404	ng	97
57) 2,4-Dinitrotoluene	15.328	165	72156	47.198	ng	98
58) Fluorene	16.009	166	205918	44.213	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.592	232	65314	48.947	ng	# 99
60) Diethylphthalate	15.751	149	222248	44.641	ng	99
61) 4-Chlorophenyl-phenyle...	15.986	204	114106	43.961	ng	99
62) 4-Nitroaniline	16.033	138	49850	43.392	ng	97
63) Azobenzene	16.279	77	198242	44.774	ng	99
65) 4,6-Dinitro-2-methylph...	16.097	198	47691	46.390	ng	96
66) n-Nitrosodiphenylamine	16.203	169	187191	42.656	ng	98
67) 4-Bromophenyl-phenylether	16.878	248	80222	42.357	ng	99
68) Hexachlorobenzene	17.014	284	86389	44.250	ng	99
69) Atrazine	17.137	200	90668	48.123	ng	100
70) Pentachlorophenol	17.360	266	84034	84.477	ng	99
71) Phenanthrene	17.748	178	376052	43.523	ng	99
72) Anthracene	17.842	178	381372	43.026	ng	99
73) Carbazole	18.106	167	351625	44.345	ng	99
74) Di-n-butylphthalate	18.623	149	398707	42.356	ng	99
75) Fluoranthene	19.739	202	480987	42.881	ng	99
77) Benzidine	19.910	184	227057	47.926	ng	99
78) Pyrene	20.104	202	486796	43.668	ng	98
80) Butylbenzylphthalate	20.949	149	177561	43.735	ng	99
81) Benzo(a)anthracene	21.995	228	477950	44.003	ng	99
82) 3,3'-Dichlorobenzidine	21.889	252	120162	29.999	ng	98
83) Chrysene	22.071	228	438090	42.680	ng	99
84) Bis(2-ethylhexyl)phtha...	21.836	149	252323	43.570	ng	99
85) Di-n-octyl phthalate	23.129	149	422404	44.004	ng	99
87) Indeno(1,2,3-cd)pyrene	29.579	276	532919	45.308	ng	# 86
88) Benzo(b)fluoranthene	24.398	252	492797	47.456	ng	98
89) Benzo(k)fluoranthene	24.474	252	465192	44.388	ng	100
90) Benzo(a)pyrene	25.355	252	423901	41.859	ng	99
91) Dibenzo(a,h)anthracene	29.632	278	443787	45.335	ng	99
92) Benzo(g,h,i)perylene	30.854	276	430851	45.130	ng	100

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

