

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058750.D
 Acq On : 16 Aug 2023 16:06
 Operator : MA/JU
 Sample : PB154620BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154620BS

Quant Time: Aug 16 16:40:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	27895	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	124217	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	93517	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	231835	20.000	ng	0.00
76) Chrysene-d12	21.452	240	188915	20.000	ng	0.00
86) Perylene-d12	24.519	264	244556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	242499	132.873	ng	0.00
7) Phenol-d6	6.986	99	336559	132.529	ng	0.00
23) Nitrobenzene-d5	8.978	82	211122	83.494	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	183043	119.417	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	498225	79.840	ng	0.00
79) Terphenyl-d14	19.824	244	908762	90.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	26359	29.806	ng	# 87
3) Pyridine	3.661	79	69261	28.726	ng	# 79
4) n-Nitrosodimethylamine	3.579	42	47820	46.810	ng	# 80
6) Aniline	7.139	93	125174	40.035	ng	96
8) 2-Chlorophenol	7.374	128	90590	50.597	ng	95
9) Benzaldehyde	6.951	77	53537	38.803	ng	99
10) Phenol	7.010	94	124567	50.214	ng	93
11) bis(2-Chloroethyl)ether	7.233	93	85421	43.678	ng	88
12) 1,3-Dichlorobenzene	7.697	146	87138	45.578	ng	95
13) 1,4-Dichlorobenzene	7.844	146	89111	46.421	ng	97
14) 1,2-Dichlorobenzene	8.161	146	87181	47.502	ng	98
15) Benzyl Alcohol	8.056	79	92502	57.437	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.338	45	180222	56.730	ng	94
17) 2-Methylphenol	8.261	107	85109	46.922	ng	94
18) Hexachloroethane	8.890	117	32650	46.794	ng	93
19) n-Nitroso-di-n-propyla...	8.620	70	76125	46.408	ng	89
20) 3+4-Methylphenols	8.590	107	117874	48.043	ng	99
22) Acetophenone	8.637	105	145868	43.856	ng	# 96
24) Nitrobenzene	9.019	77	110672	43.053	ng	95
25) Isophorone	9.536	82	220031	42.115	ng	100
26) 2-Nitrophenol	9.730	139	50366	45.010	ng	# 90
27) 2,4-Dimethylphenol	9.789	122	84334	45.436	ng	98
28) bis(2-Chloroethoxy)met...	10.024	93	120431	42.358	ng	96
29) 2,4-Dichlorophenol	10.265	162	92795	48.151	ng	98
30) 1,2,4-Trichlorobenzene	10.476	180	99619	44.823	ng	99
31) Naphthalene	10.664	128	278636	42.560	ng	99
32) Benzoic acid	9.965	122	53528m	38.748	ng	
33) 4-Chloroaniline	10.776	127	101448	36.675	ng	99
34) Hexachlorobutadiene	10.941	225	64221	44.869	ng	98
35) Caprolactam	11.563	113	32990m	46.356	ng	
36) 4-Chloro-3-methylphenol	11.910	107	115223	48.332	ng	98
37) 2-Methylnaphthalene	12.280	142	196005	41.853	ng	98
38) 1-Methylnaphthalene	12.498	142	192110	43.154	ng	98
40) 1,2,4,5-Tetrachloroben...	12.650	216	118498	41.273	ng	98
41) Hexachlorocyclopentadiene	12.621	237	100914	76.043	ng	95
43) 2,4,6-Trichlorophenol	12.891	196	85446	43.269	ng	96

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44) 2,4,5-Trichlorophenol	12.973	196	95187	40.924	ng	96
46) 1,1'-Biphenyl	13.291	154	271786	42.319	ng	99
47) 2-Chloronaphthalene	13.338	162	217120	43.359	ng	98
48) 2-Nitroaniline	13.549	65	87381	45.718	ng	99
49) Acenaphthylene	14.184	152	364154	43.436	ng	98
50) Dimethylphthalate	13.919	163	306350	43.619	ng	99
51) 2,6-Dinitrotoluene	14.043	165	68329	44.339	ng	95
52) Acenaphthene	14.525	154	206003	42.525	ng	97
53) 3-Nitroaniline	14.378	138	56668	36.754	ng #	97
54) 2,4-Dinitrophenol	14.595	184	76417	87.220	ng	93
55) Dibenzofuran	14.859	168	353637	42.484	ng	97
56) 4-Nitrophenol	14.695	139	97580	85.186	ng	86
57) 2,4-Dinitrotoluene	14.836	165	98251	45.988	ng	91
58) Fluorene	15.512	166	288172	43.579	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.089	232	86446	43.554	ng	98
60) Diethylphthalate	15.282	149	319363	44.635	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	157547	42.735	ng	98
62) 4-Nitroaniline	15.541	138	68190	46.688	ng	92
63) Azobenzene	15.794	77	296376	42.054	ng	97
65) 4,6-Dinitro-2-methylph...	15.606	198	60163	47.064	ng	98
66) n-Nitrosodiphenylamine	15.717	169	256541	42.516	ng	99
67) 4-Bromophenyl-phenylether	16.393	248	109691	41.715	ng	97
68) Hexachlorobenzene	16.516	284	122940	44.122	ng	100
69) Atrazine	16.669	200	108036	53.038	ng	96
70) Pentachlorophenol	16.863	266	115901	68.722	ng	98
71) Phenanthrene	17.251	178	478789	43.547	ng	99
72) Anthracene	17.339	178	485133	43.003	ng	99
73) Carbazole	17.615	167	444200	44.651	ng	99
74) Di-n-butylphthalate	18.161	149	552902	44.372	ng	99
75) Fluoranthene	19.266	202	572411	43.342	ng	96
77) Benzidine	19.448	184	294397	102.767	ng	98
78) Pyrene	19.624	202	581656	45.241	ng	98
80) Butylbenzylphthalate	20.512	149	244289	46.258	ng	98
81) Benzo(a)anthracene	21.428	228	589393	45.335	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	207000	47.091	ng	99
83) Chrysene	21.493	228	547947	43.958	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	354209	45.898	ng	98
85) Di-n-octyl phthalate	22.480	149	624045	45.994	ng	97
87) Indeno(1,2,3-cd)pyrene	28.026	276	735756	45.223	ng	97
88) Benzo(b)fluoranthene	23.543	252	624911	47.113	ng	99
89) Benzo(k)fluoranthene	23.614	252	598180	44.891	ng	99
90) Benzo(a)pyrene	24.378	252	555659	42.657	ng	99
91) Dibenzo(a,h)anthracene	28.073	278	610882	45.410	ng	98
92) Benzo(g,h,i)perylene	29.119	276	565585	41.927	ng	97

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

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