

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
 Data File : BG058783.D
 Acq On : 18 Aug 2023 19:32
 Operator : MA/JU
 Sample : PB154882BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154882BS

Quant Time: Aug 21 02:14:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	20641	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	88246	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	64105	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	163330	20.000	ng	0.00
76) Chrysene-d12	21.449	240	144297	20.000	ng	0.00
86) Perylene-d12	24.522	264	176532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	225102	175.499	ng	0.00
7) Phenol-d6	6.983	99	305192	169.592	ng	0.00
23) Nitrobenzene-d5	8.975	82	185650	101.145	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	161685	160.856	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	439402	99.695	ng	0.00
79) Terphenyl-d14	19.827	244	840612	104.603	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	25567	42.397	ng	97
3) Pyridine	3.658	79	65711	41.236	ng	95
4) n-Nitrosodimethylamine	3.581	42	45394	52.398	ng	93
6) Aniline	7.136	93	97037	44.111	ng	98
8) 2-Chlorophenol	7.377	128	82436	63.564	ng	99
9) Benzaldehyde	6.948	77	38907m	38.544	ng	
10) Phenol	7.013	94	112304	64.718	ng	97
11) bis(2-Chloroethyl)ether	7.230	93	76757	56.688	ng	100
12) 1,3-Dichlorobenzene	7.694	146	78738	57.158	ng	97
13) 1,4-Dichlorobenzene	7.847	146	81584	58.566	ng	96
14) 1,2-Dichlorobenzene	8.158	146	79610	59.129	ng	97
15) Benzyl Alcohol	8.053	79	83139	64.617	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.341	45	166046m	57.543	ng	
17) 2-Methylphenol	8.258	107	76303	59.868	ng	97
18) Hexachloroethane	8.887	117	30207	59.516	ng	97
19) n-Nitroso-di-n-propyla...	8.617	70	65149	56.006	ng	98
20) 3+4-Methylphenols	8.587	107	103523	60.416	ng	97
22) Acetophenone	8.634	105	130569	54.659	ng	100
24) Nitrobenzene	9.016	77	96060	52.619	ng	98
25) Isophorone	9.533	82	193332	52.965	ng	98
26) 2-Nitrophenol	9.727	139	44185	57.871	ng	97
27) 2,4-Dimethylphenol	9.792	122	74255	57.385	ng	96
28) bis(2-Chloroethoxy)met...	10.021	93	105417	54.522	ng	98
29) 2,4-Dichlorophenol	10.268	162	82075	61.726	ng	97
30) 1,2,4-Trichlorobenzene	10.473	180	88087	54.861	ng	99
31) Naphthalene	10.661	128	247161	53.343	ng	100
32) Benzoic acid	9.968	122	44266m	54.886	ng	
33) 4-Chloroaniline	10.779	127	69148	35.386	ng	98
34) Hexachlorobutadiene	10.937	225	57648	53.197	ng	96
35) Caprolactam	11.566	113	29930m	62.817	ng	
36) 4-Chloro-3-methylphenol	11.913	107	98640	59.653	ng	97
37) 2-Methylnaphthalene	12.277	142	171050	51.399	ng	98
38) 1-Methylnaphthalene	12.494	142	169313	53.597	ng	100
40) 1,2,4,5-Tetrachloroben...	12.647	216	103637	52.441	ng	98
41) Hexachlorocyclopentadiene	12.624	237	94305	116.757	ng	99
43) 2,4,6-Trichlorophenol	12.888	196	74693	59.398	ng	96

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44) 2,4,5-Trichlorophenol	12.970	196	81112	53.864	ng	97
46) 1,1'-Biphenyl	13.288	154	233781	52.939	ng	97
47) 2-Chloronaphthalene	13.335	162	187804	54.571	ng	99
48) 2-Nitroaniline	13.546	65	75593	57.835	ng	96
49) Acenaphthylene	14.181	152	316747	55.501	ng	98
50) Dimethylphthalate	13.916	163	267684	53.931	ng	99
51) 2,6-Dinitrotoluene	14.040	165	60752	58.260	ng	96
52) Acenaphthene	14.522	154	176226	52.840	ng	100
53) 3-Nitroaniline	14.375	138	42090	41.850	ng	# 96
54) 2,4-Dinitrophenol	14.592	184	68986	115.066	ng	96
55) Dibenzofuran	14.856	168	305453	53.095	ng	99
56) 4-Nitrophenol	14.698	139	87720	118.304	ng	98
57) 2,4-Dinitrotoluene	14.833	165	87775	60.350	ng	# 96
58) Fluorene	15.509	166	249949	54.593	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	77404	62.990	ng	94
60) Diethylphthalate	15.279	149	282710	55.243	ng	99
61) 4-Chlorophenyl-phenyle...	15.497	204	136540	53.805	ng	99
62) 4-Nitroaniline	15.544	138	61069	59.834	ng	93
63) Azobenzene	15.791	77	254225	54.101	ng	99
65) 4,6-Dinitro-2-methylph...	15.603	198	51874	56.188	ng	99
66) n-Nitrosodiphenylamine	15.720	169	223103	52.998	ng	97
67) 4-Bromophenyl-phenylether	16.396	248	93960	52.424	ng	98
68) Hexachlorobenzene	16.513	284	108379	56.184	ng	96
69) Atrazine	16.666	200	96987	65.101	ng	98
70) Pentachlorophenol	16.860	266	102526	101.360	ng	97
71) Phenanthrene	17.248	178	421007	53.693	ng	100
72) Anthracene	17.336	178	429521	54.618	ng	98
73) Carbazole	17.612	167	404136	56.118	ng	99
74) Di-n-butylphthalate	18.164	149	503190	55.389	ng	99
75) Fluoranthene	19.263	202	527521	54.251	ng	99
77) Benzidine	19.451	184	208599	80.662	ng	99
78) Pyrene	19.627	202	538743	53.584	ng	97
80) Butylbenzylphthalate	20.515	149	223570	54.828	ng	98
81) Benzo(a)anthracene	21.431	228	544981	54.257	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	158132	45.600	ng	99
83) Chrysene	21.496	228	508283	52.500	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	324269	54.221	ng	100
85) Di-n-octyl phthalate	22.483	149	569622	55.376	ng	99
87) Indeno(1,2,3-cd)pyrene	28.035	276	686917	57.513	ng	# 94
88) Benzo(b)fluoranthene	23.552	252	580750	59.291	ng	99
89) Benzo(k)fluoranthene	23.617	252	554678	54.911	ng	99
90) Benzo(a)pyrene	24.386	252	514402	53.336	ng	99
91) Dibenzo(a,h)anthracene	28.082	278	571613	58.243	ng	100
92) Benzo(g,h,i)perylene	29.128	276	560149	57.086	ng	97

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

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