

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053474.D
 Acq On : 6 May 2022 14:56
 Operator : CG/JU
 Sample : N2723-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

MMC-PIT1MS

Manual Integrations

APPROVED

 Reviewed By : Christian
 Giraldo

Quant Time: May 06 23:31:57 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	8.091	152	22156	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	98670	20.000	ng	-0.01
39) Acenaphthene-d10	14.717	164	83672	20.000	ng	0.00
64) Phenanthrene-d10	17.461	188	206499	20.000	ng	0.00
76) Chrysene-d12	21.743	240	196641	20.000	ng	0.00
86) Perylene-d12	25.021	264	214542	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	187042	143.273	ng	-0.01
7) Phenol-d6	7.251	99	283475	143.076	ng	0.00
23) Nitrobenzene-d5	9.254	82	198805	85.769	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	158979	128.825	ng	0.00
45) 2-Fluorobiphenyl	13.337	172	453332	79.172	ng	0.00
79) Terphenyl-d14	20.063	244	871917	82.583	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.532	88	22683	33.115	ng	94
3) Pyridine	3.932	79	59887	35.800	ng	98
4) n-Nitrosodimethylamine	3.844	42	39268	48.189	ng	97
6) Aniline	7.410	93	121133	55.200	ng	97
8) 2-Chlorophenol	7.656	128	73896	54.145	ng	97
9) Benzaldehyde	7.222	77	50065m	39.776	ng	
10) Phenol	7.280	94	106566	54.994	ng	94
11) bis(2-Chloroethyl)ether	7.504	93	69390	48.014	ng	99
12) 1,3-Dichlorobenzene	7.979	146	73591	45.708	ng	91
13) 1,4-Dichlorobenzene	8.126	146	75939	46.740	ng	99
14) 1,2-Dichlorobenzene	8.443	146	72418	47.467	ng	98
15) Benzyl Alcohol	8.326	79	91350	55.149	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.608	45	113692	48.336	ng	97
17) 2-Methylphenol	8.532	107	70604	53.908	ng	94
18) Hexachloroethane	9.178	117	27746	44.971	ng	98
19) n-Nitroso-di-n-propyla...	8.890	70	71237	50.112	ng	99
20) 3+4-Methylphenols	8.861	107	97688	52.812	ng	96
22) Acetophenone	8.913	105	123733	45.819	ng	# 97
24) Nitrobenzene	9.295	77	109096	48.629	ng	98
25) Isophorone	9.818	82	206551	52.949	ng	98
26) 2-Nitrophenol	10.012	139	44569	49.050	ng	96
27) 2,4-Dimethylphenol	10.065	122	80868	59.138	ng	97
28) bis(2-Chloroethoxy)met...	10.294	93	105613	47.074	ng	98
29) 2,4-Dichlorophenol	10.552	162	86721	52.546	ng	93
30) 1,2,4-Trichlorobenzene	10.764	180	85771	45.741	ng	95
31) Naphthalene	10.952	128	235436	46.908	ng	97
32) Benzoic acid	10.241	122	46663m	53.426	ng	
33) 4-Chloroaniline	11.058	127	94698	45.052	ng	98
34) Hexachlorobutadiene	11.234	225	60421	43.454	ng	96
35) Caprolactam	11.833	113	31903m	53.194	ng	
36) 4-Chloro-3-methylphenol	12.180	107	104890	53.132	ng	100
37) 2-Methylnaphthalene	12.550	142	180038	48.066	ng	98
38) 1-Methylnaphthalene	12.767	142	174365	47.713	ng	99
40) 1,2,4,5-Tetrachloroben...	12.920	216	115849	43.925	ng	98
41) Hexachlorocyclopentadiene	12.896	237	103370	94.430	ng	94
43) 2,4,6-Trichlorophenol	13.155	196	82846	48.122	ng	97

05/09/2022

Supervised By : mohammad

Ghamed

05/09/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.231	196	87536	47.774	ng	97	05/09/2022
46) 1,1'-Biphenyl	13.548	154	253710	44.484	ng	98	Supervised By : mohammad
47) 2-Chloronaphthalene	13.595	162	200073	44.774	ng	98	ahmed
48) 2-Nitroaniline	13.795	65	81927	49.204	ng	98	
49) Acenaphthylene	14.441	152	347662	48.757	ng	98	
50) Dimethylphthalate	14.165	163	291562	45.855	ng	99	
51) 2,6-Dinitrotoluene	14.283	165	62199	48.016	ng	96	05/09/2022
52) Acenaphthene	14.782	154	195766	46.069	ng	97	
53) 3-Nitroaniline	14.617	138	58284	41.642	ng	96	
54) 2,4-Dinitrophenol	14.829	184	79039	94.864	ng	97	
55) Dibenzofuran	15.111	168	341517	44.743	ng	98	
56) 4-Nitrophenol	14.935	139	100501	100.531	ng	92	
57) 2,4-Dinitrotoluene	15.076	165	92123	49.062	ng	89	
58) Fluorene	15.763	166	282533	46.126	ng	100	
59) 2,3,4,6-Tetrachlorophenol	15.340	232	84873m	45.654	ng		
60) Diethylphthalate	15.522	149	301646	45.927	ng	98	
61) 4-Chlorophenyl-phenyle...	15.745	204	155764	45.573	ng	99	
62) 4-Nitroaniline	15.781	138	67423	46.443	ng	97	
63) Azobenzene	16.039	77	304162	45.225	ng	100	
65) 4,6-Dinitro-2-methylph...	15.845	198	54629	44.397	ng	97	
66) n-Nitrosodiphenylamine	15.963	169	255604	47.145	ng	98	
67) 4-Bromophenyl-phenylether	16.644	248	112852	46.794	ng	97	
68) Hexachlorobenzene	16.773	284	121412	45.968	ng	99	
69) Atrazine	16.908	200	108631	47.594	ng	95	
70) Pentachlorophenol	17.114	266	133361	92.959	ng	95	
71) Phenanthrene	17.502	178	489310	46.601	ng	98	
72) Anthracene	17.596	178	488022	47.286	ng	99	
73) Carbazole	17.860	167	448684	44.359	ng	100	
74) Di-n-butylphthalate	18.406	149	515045	45.275	ng	99	
75) Fluoranthene	19.511	202	610313	44.890	ng	99	
77) Benzidine	19.681	184	587726	138.669	ng	99	
78) Pyrene	19.869	202	602666	47.344	ng	99	
80) Butylbenzylphthalate	20.744	149	226792	48.586	ng	98	
81) Benzo(a)anthracene	21.720	228	597123	47.609	ng	99	
82) 3,3'-Dichlorobenzidine	21.631	252	164845	51.829	ng	99	
83) Chrysene	21.790	228	544746	46.504	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.608	149	314856	48.870	ng	99	
85) Di-n-octyl phthalate	22.836	149	543232	49.863	ng	100	
87) Indeno(1,2,3-cd)pyrene	28.775	276	685617	45.884	ng	#	99
88) Benzo(b)fluoranthene	23.975	252	625443	49.251	ng	99	
89) Benzo(k)fluoranthene	24.046	252	592939	47.515	ng	98	
90) Benzo(a)pyrene	24.868	252	611002	56.528	ng	99	
91) Dibenzo(a,h)anthracene	28.839	278	590745	47.979	ng	97	
92) Benzo(g,h,i)perylene	29.961	276	588291	48.202	ng	95	

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

