

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053435.D
 Acq On : 4 May 2022 19:31
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/05/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 01:10:23 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 01:07:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	20236	20.000	ng	0.00
21) Naphthalene-d8	10.906	136	90612	20.000	ng	0.00
39) Acenaphthene-d10	14.719	164	73420	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	182107	20.000	ng	0.00
76) Chrysene-d12	21.750	240	189170	20.000	ng	0.00
86) Perylene-d12	25.028	264	196363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	54539	46.200	ng	0.00
7) Phenol-d6	7.258	99	83920	46.098	ng	0.00
23) Nitrobenzene-d5	9.256	82	90490	40.549	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	45410	38.876	ng	0.00
45) 2-Fluorobiphenyl	13.344	172	211808	39.780	ng	0.00
79) Terphenyl-d14	20.064	244	443807	39.623	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	14537	25.786	ng	97
3) Pyridine	3.951	79	34560	23.243	ng	96
4) n-Nitrosodimethylamine	3.863	42	17239	23.413	ng	95
6) Aniline	7.417	93	46134	21.867	ng	96
8) 2-Chlorophenol	7.664	128	28902	22.678	ng	94
9) Benzaldehyde	7.235	77	26594	24.439	ng	91
10) Phenol	7.288	94	40860	22.549	ng	98
11) bis(2-Chloroethyl)ether	7.511	93	30314	23.207	ng	98
12) 1,3-Dichlorobenzene	7.992	146	33615	22.698	ng	98
13) 1,4-Dichlorobenzene	8.133	146	33479	22.175	ng	98
14) 1,2-Dichlorobenzene	8.457	146	32784	22.518	ng	94
15) Benzyl Alcohol	8.333	79	35123	21.706	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.627	45	49421	22.662	ng	95
17) 2-Methylphenol	8.539	107	28021	22.851	ng	96
18) Hexachloroethane	9.185	117	12751	22.522	ng	98
19) n-Nitroso-di-n-propyla...	8.897	70	31065	23.309	ng	99
20) 3+4-Methylphenols	8.868	107	38633	22.318	ng	97
22) Acetophenone	8.921	105	53977	21.472	ng	96
24) Nitrobenzene	9.303	77	43440	20.012	ng	97
25) Isophorone	9.819	82	77822	20.517	ng	98
26) 2-Nitrophenol	10.019	139	17222	18.974	ng	98
27) 2,4-Dimethylphenol	10.078	122	26566	20.436	ng	88
28) bis(2-Chloroethoxy)met...	10.301	93	43434	20.382	ng	97
29) 2,4-Dichlorophenol	10.560	162	31267	19.133	ng	94
30) 1,2,4-Trichlorobenzene	10.771	180	36279	19.614	ng	95
31) Naphthalene	10.959	128	99032	20.485	ng	98
32) Benzoic acid	10.213	122	11023m	15.660	ng	
33) 4-Chloroaniline	11.065	127	41505	20.048	ng	97
34) Hexachlorobutadiene	11.241	225	27055	19.692	ng	97
35) Caprolactam	11.823	113	11989	20.813	ng	# 83
36) 4-Chloro-3-methylphenol	12.187	107	38946	20.470	ng	98
37) 2-Methylnaphthalene	12.557	142	73430	20.527	ng	98
38) 1-Methylnaphthalene	12.774	142	72606	20.794	ng	99
40) 1,2,4,5-Tetrachloroben...	12.927	216	48985	19.644	ng	99
41) Hexachlorocyclopentadiene	12.904	237	11406	8.861	ng	98
43) 2,4,6-Trichlorophenol	13.162	196	31587	18.372	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.244	196	32780	17.892	ng	94
46) 1,1'-Biphenyl	13.556	154	106442	20.132	ng	97
47) 2-Chloronaphthalene	13.603	162	82373	19.528	ng	98
48) 2-Nitroaniline	13.802	65	30301	18.928	ng	95
49) Acenaphthylene	14.443	152	130843	19.815	ng	99
50) Dimethylphthalate	14.166	163	119451	20.341	ng	99
51) 2,6-Dinitrotoluene	14.290	165	24388	19.907	ng	94
52) Acenaphthene	14.783	154	78002	17.419	ng	97
53) 3-Nitroaniline	14.619	138	26146	20.183	ng	93
54) 2,4-Dinitrophenol	14.836	184	10083	12.935	ng	# 77
55) Dibenzofuran	15.118	168	142954	20.387	ng	97
56) 4-Nitrophenol	14.936	139	17213m	17.422	ng	
57) 2,4-Dinitrotoluene	15.077	165	34238	19.630	ng	86
58) Fluorene	15.764	166	114093	20.146	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.353	232	34213	19.230	ng	98
60) Diethylphthalate	15.523	149	123411	20.058	ng	98
61) 4-Chlorophenyl-phenyle...	15.753	204	63281	19.712	ng	99
62) 4-Nitroaniline	15.782	138	27741	20.294	ng	87
63) Azobenzene	16.046	77	125492	20.230	ng	98
65) 4,6-Dinitro-2-methylph...	15.852	198	23246	18.297	ng	92
66) n-Nitrosodiphenylamine	15.964	169	103165	19.700	ng	98
67) 4-Bromophenyl-phenylether	16.645	248	43964	18.841	ng	97
68) Hexachlorobenzene	16.775	284	48541	19.209	ng	98
69) Atrazine	16.910	200	44158	21.587	ng	96
70) Pentachlorophenol	17.127	266	20385m	14.760	ng	
71) Phenanthrene	17.509	178	198318	19.937	ng	99
72) Anthracene	17.597	178	195647	19.854	ng	99
73) Carbazole	17.867	167	195983	20.459	ng	99
74) Di-n-butylphthalate	18.414	149	218945	20.153	ng	99
75) Fluoranthene	19.512	202	261110	20.479	ng	98
77) Benzidine	19.688	184	91304	16.917	ng	# 97
78) Pyrene	19.876	202	265565	19.711	ng	97
80) Butylbenzylphthalate	20.752	149	96111	19.135	ng	98
81) Benzo(a)anthracene	21.727	228	258349	19.974	ng	99
82) 3,3'-Dichlorobenzidine	21.633	252	64899	13.644	ng	95
83) Chrysene	21.791	228	239855	19.982	ng	99
84) Bis(2-ethylhexyl)phtha...	21.615	149	131841	19.419	ng	98
85) Di-n-octyl phthalate	22.843	149	222360	19.583	ng	99
87) Indeno(1,2,3-cd)pyrene	28.788	276	291396	19.974	ng	# 95
88) Benzo(b)fluoranthene	23.983	252	247137	19.948	ng	98
89) Benzo(k)fluoranthene	24.053	252	244749	20.100	ng	100
90) Benzo(a)pyrene	24.870	252	211478	20.037	ng	97
91) Dibenzo(a,h)anthracene	28.847	278	245286	20.428	ng	99
92) Benzo(g,h,i)perylene	29.969	276	238180	20.125	ng	97

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

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