

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053450.D
 Acq On : 5 May 2022 14:40
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

Quant Time: May 06 03:46:48 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	8.090	152	24545	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	97341	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	75611	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	188549	20.000	ng	0.00
76) Chrysene-d12	21.742	240	189559	20.000	ng	0.00
86) Perylene-d12	25.020	264	202856	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	113544	78.509	ng	0.00
7) Phenol-d6	7.255	99	175184	79.813	ng	0.00
23) Nitrobenzene-d5	9.253	82	188837	82.581	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	89678	80.416	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	414806	80.167	ng	0.00
79) Terphenyl-d14	20.062	244	805737	79.166	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.537	88	29267	38.569	ng	99
3) Pyridine	3.936	79	76937	41.516	ng	98
4) n-Nitrosodimethylamine	3.854	42	37118	41.117	ng	# 97
6) Aniline	7.414	93	99062	40.749	ng	99
8) 2-Chlorophenol	7.661	128	59199	39.155	ng	96
9) Benzaldehyde	7.226	77	50299m	36.072	ng	
10) Phenol	7.279	94	82732	38.539	ng	92
11) bis(2-Chloroethyl)ether	7.508	93	62157	38.823	ng	95
12) 1,3-Dichlorobenzene	7.984	146	68179	38.225	ng	92
13) 1,4-Dichlorobenzene	8.125	146	69752	38.754	ng	97
14) 1,2-Dichlorobenzene	8.448	146	64997	38.456	ng	97
15) Benzyl Alcohol	8.331	79	74386	40.536	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.618	45	103121	39.574	ng	95
17) 2-Methylphenol	8.530	107	57355	39.530	ng	96
18) Hexachloroethane	9.176	117	25586	37.434	ng	93
19) n-Nitroso-di-n-propyla...	8.889	70	61429	39.007	ng	99
20) 3+4-Methylphenols	8.859	107	79613	38.851	ng	95
22) Acetophenone	8.912	105	106239	39.878	ng	97
24) Nitrobenzene	9.294	77	91340	41.270	ng	98
25) Isophorone	9.817	82	156000	40.536	ng	96
26) 2-Nitrophenol	10.011	139	37139	41.431	ng	98
27) 2,4-Dimethylphenol	10.063	122	54382	40.312	ng	96
28) bis(2-Chloroethoxy)met...	10.298	93	88845	40.141	ng	96
29) 2,4-Dichlorophenol	10.551	162	67212	41.281	ng	95
30) 1,2,4-Trichlorobenzene	10.763	180	76175	41.179	ng	96
31) Naphthalene	10.951	128	201792	40.754	ng	98
32) Benzoic acid	10.222	122	27493m	35.325	ng	
33) 4-Chloroaniline	11.056	127	87169	42.036	ng	97
34) Hexachlorobutadiene	11.238	225	55049	40.131	ng	98
35) Caprolactam	11.826	113	24381	41.207	ng	# 91
36) 4-Chloro-3-methylphenol	12.172	107	79212	40.673	ng	97
37) 2-Methylnaphthalene	12.548	142	148285	40.129	ng	98
38) 1-Methylnaphthalene	12.772	142	145584	40.381	ng	99
40) 1,2,4,5-Tetrachloroben...	12.918	216	95862	40.221	ng	99
41) Hexachlorocyclopentadiene	12.901	237	32544	38.656	ng	96
43) 2,4,6-Trichlorophenol	13.159	196	64034	41.160	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.236	196	66886	40.396	ng	98
46) 1,1'-Biphenyl	13.547	154	209224	40.595	ng	98
47) 2-Chloronaphthalene	13.600	162	160905	39.848	ng	98
48) 2-Nitroaniline	13.794	65	63566	42.247	ng	98
49) Acenaphthylene	14.440	152	260728	40.463	ng	98
50) Dimethylphthalate	14.164	163	228144	39.707	ng	99
51) 2,6-Dinitrotoluene	14.287	165	46934	40.094	ng	97
52) Acenaphthene	14.781	154	153842	40.063	ng	98
53) 3-Nitroaniline	14.616	138	51342	40.593	ng	98
54) 2,4-Dinitrophenol	14.833	184	25762	38.209	ng	95
55) Dibenzofuran	15.115	168	273835	39.701	ng	97
56) 4-Nitrophenol	14.933	139	37483	41.492	ng	93
57) 2,4-Dinitrotoluene	15.074	165	67863	39.995	ng	87
58) Fluorene	15.762	166	222040	40.115	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.345	232	65620	39.060	ng	97
60) Diethylphthalate	15.521	149	234362	39.487	ng	99
61) 4-Chlorophenyl-phenyle...	15.750	204	120842	39.125	ng	99
62) 4-Nitroaniline	15.779	138	53643	40.891	ng	98
63) Azobenzene	16.044	77	246707	40.593	ng	98
65) 4,6-Dinitro-2-methylph...	15.844	198	46581	41.460	ng	99
66) n-Nitrosodiphenylamine	15.961	169	199781	40.356	ng	99
67) 4-Bromophenyl-phenylether	16.643	248	88148	40.030	ng	96
68) Hexachlorobenzene	16.772	284	94407	39.146	ng	98
69) Atrazine	16.901	200	82946	39.801	ng	98
70) Pentachlorophenol	17.119	266	46913	38.672	ng	95
71) Phenanthrene	17.500	178	385326	40.191	ng	99
72) Anthracene	17.594	178	376582	39.962	ng	100
73) Carbazole	17.859	167	369674	40.027	ng	99
74) Di-n-butylphthalate	18.405	149	415964	40.047	ng	98
75) Fluoranthene	19.509	202	492245	39.653	ng	99
77) Benzidine	19.680	184	186646	45.683	ng	99
78) Pyrene	19.868	202	494948	40.334	ng	100
80) Butylbenzylphthalate	20.743	149	184145	40.923	ng	96
81) Benzo(a)anthracene	21.718	228	486928	40.274	ng	98
82) 3,3'-Dichlorobenzidine	21.624	252	128091	41.778	ng	99
83) Chrysene	21.789	228	459348	40.679	ng	99
84) Bis(2-ethylhexyl)phtha...	21.613	149	257730	41.498	ng	100
85) Di-n-octyl phthalate	22.834	149	438069	41.712	ng	100
87) Indeno(1,2,3-cd)pyrene	28.773	276	596936	42.251	ng	# 98
88) Benzo(b)fluoranthene	23.974	252	487512	40.601	ng	100
89) Benzo(k)fluoranthene	24.045	252	478243	40.532	ng	98
90) Benzo(a)pyrene	24.867	252	417190	40.821	ng	99
91) Dibenzo(a,h)anthracene	28.832	278	478168	41.073	ng	99
92) Benzo(g,h,i)perylene	29.960	276	478225	41.441	ng	96

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

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