

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051122\
 Data File : BG053526.D
 Acq On : 11 May 2022 18:54
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/17/2022
 Supervised By : Jagrut Upadhyay 05/17/2022

Quant Time: May 12 09:14:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	22653	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	98317	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	80366	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	193577	20.000	ng	0.00
76) Chrysene-d12	21.740	240	189366	20.000	ng	0.00
86) Perylene-d12	25.018	264	199432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	109028	81.682	ng	0.00
7) Phenol-d6	7.248	99	172030	84.922	ng	0.00
23) Nitrobenzene-d5	9.251	82	189244	81.937	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	98966	83.494	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	442456	80.451	ng	0.00
79) Terphenyl-d14	20.060	244	819960	80.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	26739	38.180	ng	97
3) Pyridine	3.934	79	71044	41.538	ng	95
4) n-Nitrosodimethylamine	3.841	42	34827	41.801	ng	# 98
6) Aniline	7.406	93	97401	43.412	ng	97
8) 2-Chlorophenol	7.653	128	56247	40.309	ng	97
9) Benzaldehyde	7.218	77	51041m	39.661	ng	
10) Phenol	7.277	94	81360	41.065	ng	93
11) bis(2-Chloroethyl)ether	7.500	93	61483	41.610	ng	95
12) 1,3-Dichlorobenzene	7.976	146	66950	40.671	ng	90
13) 1,4-Dichlorobenzene	8.117	146	66737	40.175	ng	95
14) 1,2-Dichlorobenzene	8.440	146	63603	40.774	ng	94
15) Benzyl Alcohol	8.323	79	74391	43.925	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.605	45	104619	43.502	ng	97
17) 2-Methylphenol	8.528	107	57024	42.584	ng	93
18) Hexachloroethane	9.174	117	25211	39.966	ng	92
19) n-Nitroso-di-n-propyla...	8.887	70	64925	44.670	ng	96
20) 3+4-Methylphenols	8.857	107	81369	43.024	ng	97
22) Acetophenone	8.904	105	107436	39.927	ng	# 97
24) Nitrobenzene	9.292	77	91212	40.803	ng	98
25) Isophorone	9.815	82	167608	43.120	ng	98
26) 2-Nitrophenol	10.009	139	38536	42.563	ng	96
27) 2,4-Dimethylphenol	10.061	122	55321	40.601	ng	94
28) bis(2-Chloroethoxy)met...	10.291	93	94318	42.190	ng	96
29) 2,4-Dichlorophenol	10.549	162	69761	42.422	ng	92
30) 1,2,4-Trichlorobenzene	10.761	180	76752	41.079	ng	98
31) Naphthalene	10.949	128	203648	40.720	ng	99
32) Benzoic acid	10.232	122	28759m	36.282	ng	
33) 4-Chloroaniline	11.054	127	88752	42.375	ng	96
34) Hexachlorobutadiene	11.230	225	57109	41.220	ng	98
35) Caprolactam	11.818	113	24640	41.232	ng	97
36) 4-Chloro-3-methylphenol	12.176	107	84580	42.998	ng	97
37) 2-Methylnaphthalene	12.546	142	153750	41.195	ng	98
38) 1-Methylnaphthalene	12.764	142	148198	40.698	ng	98
40) 1,2,4,5-Tetrachloroben...	12.916	216	103227	40.749	ng	99
41) Hexachlorocyclopentadiene	12.893	237	31681	36.148	ng	97
43) 2,4,6-Trichlorophenol	13.151	196	69661	42.128	ng	97

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44) 2,4,5-Trichlorophenol	13.234	196	73059	41.513	ng	95
46) 1,1'-Biphenyl	13.545	154	218377	39.864	ng	97
47) 2-Chloronaphthalene	13.592	162	170123	39.638	ng	99
48) 2-Nitroaniline	13.792	65	67474	42.191	ng	95
49) Acenaphthylene	14.438	152	278428	40.654	ng	99
50) Dimethylphthalate	14.162	163	243770	39.916	ng	99
51) 2,6-Dinitrotoluene	14.279	165	49789	40.017	ng	98
52) Acenaphthene	14.779	154	162035	39.700	ng	97
53) 3-Nitroaniline	14.614	138	54052	40.207	ng	98
54) 2,4-Dinitrophenol	14.832	184	26066	36.672	ng	92
55) Dibenzofuran	15.108	168	292327	39.874	ng	95
56) 4-Nitrophenol	14.931	139	37266	38.811	ng	91
57) 2,4-Dinitrotoluene	15.072	165	70853	39.287	ng	90
58) Fluorene	15.760	166	237702	40.404	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.343	232	71598	40.097	ng	98
60) Diethylphthalate	15.519	149	248865	39.450	ng	99
61) 4-Chlorophenyl-phenyle...	15.742	204	132846	40.466	ng	98
62) 4-Nitroaniline	15.777	138	57033	40.903	ng	96
63) Azobenzene	16.036	77	261706	40.513	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	49753	43.133	ng	94
66) n-Nitrosodiphenylamine	15.959	169	211909	41.695	ng	99
67) 4-Bromophenyl-phenylether	16.641	248	94312	41.717	ng	98
68) Hexachlorobenzene	16.770	284	100240	40.485	ng	99
69) Atrazine	16.905	200	84951	39.704	ng	97
70) Pentachlorophenol	17.117	266	48500	38.910	ng	91
71) Phenanthrene	17.498	178	395098	40.140	ng	98
72) Anthracene	17.592	178	393575	40.680	ng	98
73) Carbazole	17.857	167	374921	39.541	ng	100
74) Di-n-butylphthalate	18.403	149	422230	39.594	ng	99
75) Fluoranthene	19.508	202	502848	39.455	ng	99
77) Benzidine	19.684	184	145784	35.718	ng	98
78) Pyrene	19.872	202	503354	41.061	ng	98
80) Butylbenzylphthalate	20.741	149	185794	41.332	ng	96
81) Benzo(a)anthracene	21.716	228	491896	40.726	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	125750	41.056	ng	96
83) Chrysene	21.787	228	457549	40.561	ng	99
84) Bis(2-ethylhexyl)phtha...	21.611	149	259376	41.805	ng	99
85) Di-n-octyl phthalate	22.832	149	442978	42.223	ng	100
87) Indeno(1,2,3-cd)pyrene	28.777	276	574245	41.342	ng	100
88) Benzo(b)fluoranthene	23.978	252	485521	41.129	ng	98
89) Benzo(k)fluoranthene	24.043	252	480453	41.418	ng	99
90) Benzo(a)pyrene	24.865	252	413504	41.155	ng	99
91) Dibenzo(a,h)anthracene	28.830	278	471883	41.229	ng	99
92) Benzo(g,h,i)perylene	29.946	276	467400	41.198	ng	98

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

