

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055731.D
 Acq On : 22 Nov 2022 1:55
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/22/2022
 Supervised By : Jagrut Upadhyay 11/22/2022

Quant Time: Nov 22 03:44:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	50486	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	220536	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	154612	20.000	ng	0.00
64) Phenanthrene-d10	17.609	188	335249	20.000	ng	0.00
76) Chrysene-d12	21.910	240	306179	20.000	ng	0.00
86) Perylene-d12	25.312	264	332361	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.776	112	198228	70.970	ng	0.00
7) Phenol-d6	7.392	99	282794	76.059	ng	0.00
23) Nitrobenzene-d5	9.419	82	302971	72.612	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	150527	69.140	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	754168	73.076	ng	0.00
79) Terphenyl-d14	20.194	244	1121012	73.231	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.608	88	42616	35.702	ng	98
3) Pyridine	4.019	79	125741	34.338	ng	98
4) n-Nitrosodimethylamine	3.931	42	65453	33.761	ng	93
6) Aniline	7.562	93	172011	36.833	ng	98
8) 2-Chlorophenol	7.809	128	120720	37.807	ng	99
9) Benzaldehyde	7.374	77	91497	36.235	ng	96
10) Phenol	7.421	94	159761	38.375	ng	98
11) bis(2-Chloroethyl)ether	7.650	93	118545	37.157	ng	99
12) 1,3-Dichlorobenzene	8.132	146	138514	36.897	ng	97
13) 1,4-Dichlorobenzene	8.285	146	139687	36.823	ng	98
14) 1,2-Dichlorobenzene	8.608	146	134544	37.012	ng	97
15) Benzyl Alcohol	8.479	79	117906	39.019	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.766	45	216987	37.570	ng	99
17) 2-Methylphenol	8.684	107	116040	39.260	ng	99
18) Hexachloroethane	9.342	117	51139	39.167	ng	98
19) n-Nitroso-di-n-propyla...	9.048	70	108056	37.825	ng	99
20) 3+4-Methylphenols	9.013	107	164092	39.743	ng	99
22) Acetophenone	9.072	105	202168	35.279	ng	# 98
24) Nitrobenzene	9.466	77	155801	35.748	ng	100
25) Isophorone	9.983	82	286835	36.282	ng	99
26) 2-Nitrophenol	10.177	139	78981	39.256	ng	95
27) 2,4-Dimethylphenol	10.224	122	114059m	37.249	ng	
28) bis(2-Chloroethoxy)met...	10.459	93	154740	36.459	ng	99
29) 2,4-Dichlorophenol	10.717	162	139553	38.077	ng	99
30) 1,2,4-Trichlorobenzene	10.934	180	158441	37.211	ng	99
31) Naphthalene	11.128	128	435374	36.519	ng	100
32) Benzoic acid	10.376	122	88418	35.097	ng	98
33) 4-Chloroaniline	11.228	127	179439	36.487	ng	98
34) Hexachlorobutadiene	11.404	225	107031	36.812	ng	97
35) Caprolactam	12.004	113	43813	34.545	ng	98
36) 4-Chloro-3-methylphenol	12.333	107	149263	37.054	ng	99
37) 2-Methylnaphthalene	12.715	142	327383	36.676	ng	100
38) 1-Methylnaphthalene	12.932	142	316936	36.574	ng	98
40) 1,2,4,5-Tetrachloroben...	13.073	216	184597	37.993	ng	100
41) Hexachlorocyclopentadiene	13.050	237	93907	38.348	ng	98
43) 2,4,6-Trichlorophenol	13.308	196	124327	37.512	ng	97

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44) 2,4,5-Trichlorophenol	13.384	196	138566	38.044	ng	99
46) 1,1'-Biphenyl	13.708	154	419446	37.228	ng	98
47) 2-Chloronaphthalene	13.755	162	329492	37.625	ng	98
48) 2-Nitroaniline	13.949	65	106880	37.121	ng	97
49) Acenaphthylene	14.595	152	531261	36.840	ng	100
50) Dimethylphthalate	14.313	163	432950	35.128	ng	99
51) 2,6-Dinitrotoluene	14.436	165	91827	36.438	ng	98
52) Acenaphthene	14.936	154	344277m	36.528	ng	
53) 3-Nitroaniline	14.765	138	99303	35.895	ng	98
54) 2,4-Dinitrophenol	14.977	184	46942	32.397	ng	97
55) Dibenzofuran	15.265	168	517732	35.608	ng	98
56) 4-Nitrophenol	15.065	139	79663	36.690	ng	98
57) 2,4-Dinitrotoluene	15.224	165	128974	36.299	ng	95
58) Fluorene	15.911	166	409049	35.224	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.488	232	122778	34.789	ng	99
60) Diethylphthalate	15.664	149	428637	34.398	ng	99
61) 4-Chlorophenyl-phenyle...	15.893	204	225286	35.292	ng	97
62) 4-Nitroaniline	15.929	138	100585	34.782	ng	97
63) Azobenzene	16.187	77	384305	35.326	ng	98
65) 4,6-Dinitro-2-methylph...	15.981	198	71614	38.256	ng	99
66) n-Nitrosodiphenylamine	16.111	169	355852	38.516	ng	100
67) 4-Bromophenyl-phenylether	16.786	248	146196	38.273	ng	99
68) Hexachlorobenzene	16.916	284	161072	38.029	ng	99
69) Atrazine	17.045	200	132563	36.278	ng	99
70) Pentachlorophenol	17.256	266	95334	36.794	ng	99
71) Phenanthrene	17.656	178	654368	36.170	ng	99
72) Anthracene	17.744	178	643247	36.594	ng	99
73) Carbazole	18.009	167	567030	35.882	ng	99
74) Di-n-butylphthalate	18.543	149	705972	35.979	ng	99
75) Fluoranthene	19.648	202	753397	34.230	ng	98
77) Benzidine	19.818	184	238434	33.661	ng	98
78) Pyrene	20.012	202	762472	36.791	ng	99
80) Butylbenzylphthalate	20.876	149	312668	38.538	ng	97
81) Benzo(a)anthracene	21.886	228	775256	36.762	ng	99
82) 3,3'-Dichlorobenzidine	21.792	252	275314	37.154	ng	98
83) Chrysene	21.957	228	742876	37.003	ng	99
84) Bis(2-ethylhexyl)phtha...	21.757	149	440273	37.760	ng	99
85) Di-n-octyl phthalate	23.032	149	757820	37.979	ng	100
87) Indeno(1,2,3-cd)pyrene	29.248	276	943593	34.655	ng	# 94
88) Benzo(b)fluoranthene	24.225	252	758399	35.038	ng	99
89) Benzo(k)fluoranthene	24.301	252	781149	36.205	ng	100
90) Benzo(a)pyrene	25.153	252	659927	35.529	ng	99
91) Dibenzo(a,h)anthracene	29.313	278	788036	35.417	ng	99
92) Benzo(g,h,i)perylene	30.482	276	775585	34.585	ng	100

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

