

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051149.D
 Acq On : 20 Nov 2021 15:49
 Operator : CG/JU
 Sample : PB140834BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140834BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 01:22:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	29688	20.000	ng	0.00
21) Naphthalene-d8	11.034	136	130990	20.000	ng	# 0.00
39) Acenaphthene-d10	14.836	164	91311	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	202139	20.000	ng	# 0.00
76) Chrysene-d12	21.892	240	183791	20.000	ng	# 0.00
86) Perylene-d12	25.288	264	180003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	247717	128.986	ng	0.00
7) Phenol-d6	7.362	99	329006	121.632	ng	0.00
23) Nitrobenzene-d5	9.383	82	224089	78.093	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	117713	121.289	ng	0.00
45) 2-Fluorobiphenyl	13.461	172	462226	76.386	ng	0.00
79) Terphenyl-d14	20.176	244	799145	79.488	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.578	88	25555	31.733	ng	92
3) Pyridine	3.995	79	63680	26.580	ng	# 89
4) n-Nitrosodimethylamine	3.907	42	45796	44.459	ng	# 36
6) Aniline	7.526	93	139976	43.563	ng	96
8) 2-Chlorophenol	7.767	128	90753	45.025	ng	94
9) Benzaldehyde	7.338	77	69090	35.303	ng	90
10) Phenol	7.385	94	123805	44.586	ng	83
11) bis(2-Chloroethyl)ether	7.615	93	90864	43.284	ng	91
12) 1,3-Dichlorobenzene	8.091	146	92430	42.864	ng	90
13) 1,4-Dichlorobenzene	8.237	146	93527	41.838	ng	98
14) 1,2-Dichlorobenzene	8.561	146	90694	42.768	ng	93
15) Benzyl Alcohol	8.443	79	94826	43.877	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.719	45	131157	43.220	ng	89
17) 2-Methylphenol	8.649	107	83607	44.600	ng	# 90
18) Hexachloroethane	9.295	117	36066	43.174	ng	96
19) n-Nitroso-di-n-propyla...	9.007	70	82539	41.339	ng	# 88
20) 3+4-Methylphenols	8.978	107	114613	42.901	ng	94
22) Acetophenone	9.036	105	144346	40.790	ng	# 93
24) Nitrobenzene	9.424	77	118979	42.753	ng	91
25) Isophorone	9.947	82	217054	42.016	ng	# 95
26) 2-Nitrophenol	10.135	139	53143	42.184	ng	# 86
27) 2,4-Dimethylphenol	10.188	122	87857	47.248	ng	90
28) bis(2-Chloroethoxy)met...	10.417	93	124799	40.568	ng	95
29) 2,4-Dichlorophenol	10.682	162	91037	43.379	ng	95
30) 1,2,4-Trichlorobenzene	10.893	180	95790	40.635	ng	97
31) Naphthalene	11.081	128	283217	40.974	ng	98
32) Benzoic acid	10.353	122	51121	39.892	ng	# 78
33) 4-Chloroaniline	11.193	127	118927	40.037	ng	95
34) Hexachlorobutadiene	11.346	225	59415	40.822	ng	96
35) Caprolactam	11.980	113	34666m	61.851	ng	
36) 4-Chloro-3-methylphenol	12.303	107	109312	42.186	ng	92
37) 2-Methylnaphthalene	12.673	142	208082	42.492	ng	94
38) 1-Methylnaphthalene	12.897	142	188676	39.465	ng	91
40) 1,2,4,5-Tetrachloroben...	13.038	216	112965	40.706	ng	98
41) Hexachlorocyclopentadiene	13.008	237	91273	113.583	ng	92
43) 2,4,6-Trichlorophenol	13.279	196	80327	41.981	ng	95

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44) 2,4,5-Trichlorophenol	13.355	196	84706	40.959	ng	92
46) 1,1'-Biphenyl	13.672	154	259905	39.597	ng	95
47) 2-Chloronaphthalene	13.719	162	211471	40.695	ng	98
48) 2-Nitroaniline	13.925	65	79120	42.126	ng	86
49) Acenaphthylene	14.565	152	340648	41.117	ng	97
50) Dimethylphthalate	14.283	163	287802	40.912	ng	99
51) 2,6-Dinitrotoluene	14.413	165	63980	43.543	ng	# 82
52) Acenaphthene	14.900	154	199570	41.273	ng	91
53) 3-Nitroaniline	14.747	138	64326	39.081	ng	96
54) 2,4-Dinitrophenol	14.965	184	72845	88.990	ng	# 82
55) Dibenzofuran	15.235	168	329890	39.285	ng	97
56) 4-Nitrophenol	15.065	139	104853	90.559	ng	# 72
57) 2,4-Dinitrotoluene	15.206	165	90818	43.151	ng	# 90
58) Fluorene	15.881	166	270280	40.994	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.464	232	72717	40.956	ng	# 98
60) Diethylphthalate	15.635	149	300780	40.545	ng	98
61) 4-Chlorophenyl-phenyle...	15.864	204	146939	40.767	ng	96
62) 4-Nitroaniline	15.917	138	70885	40.272	ng	# 66
63) Azobenzene	16.163	77	303586	40.862	ng	83
65) 4,6-Dinitro-2-methylph...	15.970	198	51783	42.896	ng	88
66) n-Nitrosodiphenylamine	16.087	169	246543	42.502	ng	97
67) 4-Bromophenyl-phenylether	16.763	248	92926	42.504	ng	93
68) Hexachlorobenzene	16.886	284	95545	42.997	ng	97
69) Atrazine	17.027	200	102304	66.315	ng	97
70) Pentachlorophenol	17.239	266	100588	99.571	ng	94
71) Phenanthrene	17.632	178	460019	42.341	ng	97
72) Anthracene	17.720	178	468710	43.487	ng	99
73) Carbazole	17.991	167	424387	40.031	ng	99
74) Di-n-butylphthalate	18.519	149	529814	41.279	ng	# 97
75) Fluoranthene	19.630	202	560588	41.853	ng	96
77) Benzidine	19.806	184	393160	130.277	ng	97
78) Pyrene	19.994	202	559815	42.000	ng	98
80) Butylbenzylphthalate	20.858	149	235833	41.502	ng	93
81) Benzo(a)anthracene	21.869	228	521691	41.621	ng	100
82) 3,3'-Dichlorobenzidine	21.774	252	180633	32.250	ng	# 99
83) Chrysene	21.939	228	504175	42.839	ng	97
84) Bis(2-ethylhexyl)phtha...	21.727	149	337925	42.692	ng	98
85) Di-n-octyl phthalate	22.997	149	577187	43.520	ng	99
87) Indeno(1,2,3-cd)pyrene	29.207	276	575342	44.537	ng	# 97
88) Benzo(b)fluoranthene	24.201	252	528555	47.634	ng	# 94
89) Benzo(k)fluoranthene	24.277	252	505404	44.902	ng	# 97
90) Benzo(a)pyrene	25.135	252	510298	52.998	ng	# 95
91) Dibenzo(a,h)anthracene	29.277	278	483456	45.428	ng	# 95
92) Benzo(g,h,i)perylene	30.441	276	480412	45.643	ng	# 91

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

