

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
 Data File : BG050779.D
 Acq On : 29 Oct 2021 15:50
 Operator : CG/JU
 Sample : PB140340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140340BS

Manual Integrations
 APPROVED

mohammad
 11/1/2021 1:38:18 PM

Quant Time: Oct 29 16:39:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	40441	20.000	ng	-0.02
21) Naphthalene-d8	11.072	136	177289	20.000	ng	#-0.01
39) Acenaphthene-d10	14.868	164	119588	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	268969	20.000	ng	# 0.00
76) Chrysene-d12	21.924	240	218844	20.000	ng	# 0.00
86) Perylene-d12	25.344	264	213928	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	334931	123.860	ng	0.00
7) Phenol-d6	7.394	99	449375	114.780	ng	0.00
23) Nitrobenzene-d5	9.421	82	306435	71.551	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	136843	119.968	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	587050	73.881	ng	-0.01
79) Terphenyl-d14	20.209	244	926335	82.491	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.634	88	35938	25.661	ng	92
3) Pyridine	4.039	79	89177	23.309	ng	# 90
4) n-Nitrosodimethylamine	3.957	42	65776	36.482	ng	# 44
6) Aniline	7.565	93	179900	39.550	ng	94
8) 2-Chlorophenol	7.806	128	123125	47.291	ng	90
9) Benzaldehyde	7.377	77	92715	37.216	ng	91
10) Phenol	7.418	94	173561	45.594	ng	85
11) bis(2-Chloroethyl)ether	7.653	93	123714	41.640	ng	88
12) 1,3-Dichlorobenzene	8.135	146	118966	39.583	ng	96
13) 1,4-Dichlorobenzene	8.282	146	122767	40.518	ng	97
14) 1,2-Dichlorobenzene	8.605	146	119444	41.272	ng	93
15) Benzyl Alcohol	8.481	79	136520	44.126	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.769	45	196116	40.474	ng	87
17) 2-Methylphenol	8.681	107	116512	46.517	ng	91
18) Hexachloroethane	9.339	117	47664	41.564	ng	97
19) n-Nitroso-di-n-propyla...	9.051	70	115144	40.351	ng	# 88
20) 3+4-Methylphenols	9.010	107	157584	44.698	ng	96
22) Acetophenone	9.069	105	194360	38.561	ng	# 97
24) Nitrobenzene	9.463	77	166686	39.142	ng	94
25) Isophorone	9.985	82	295362	38.882	ng	# 96
26) 2-Nitrophenol	10.173	139	69000	44.127	ng	# 91
27) 2,4-Dimethylphenol	10.220	122	127168	47.073	ng	91
28) bis(2-Chloroethoxy)met...	10.455	93	168519	38.798	ng	94
29) 2,4-Dichlorophenol	10.714	162	120250	43.672	ng	93
30) 1,2,4-Trichlorobenzene	10.926	180	122320	39.107	ng	94
31) Naphthalene	11.125	128	380590	40.106	ng	98
32) Benzoic acid	10.367	122	68834	34.331	ng	# 78
33) 4-Chloroaniline	11.231	127	119673	30.057	ng	96
34) Hexachlorobutadiene	11.396	225	73657	37.510	ng	97
35) Caprolactam	12.001	113	47152m	44.744	ng	
36) 4-Chloro-3-methylphenol	12.330	107	147611	42.890	ng	# 91
37) 2-Methylnaphthalene	12.712	142	271676	41.492	ng	92
38) 1-Methylnaphthalene	12.929	142	253165	39.873	ng	95
40) 1,2,4,5-Tetrachloroben...	13.076	216	137537	38.946	ng	97
41) Hexachlorocyclopentadiene	13.047	237	152775	74.854	ng	92
43) 2,4,6-Trichlorophenol	13.311	196	101302	40.707	ng	95

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44) 2,4,5-Trichlorophenol	13.381	196	107438	41.294	ng	93
46) 1,1'-Biphenyl	13.705	154	338612	38.819	ng	95
47) 2-Chloronaphthalene	13.757	162	273386	40.817	ng	99
48) 2-Nitroaniline	13.951	65	114124	42.833	ng	95
49) Acenaphthylene	14.598	152	451016	41.097	ng	96
50) Dimethylphthalate	14.316	163	370698	41.010	ng	99
51) 2,6-Dinitrotoluene	14.445	165	79447	43.881	ng	87
52) Acenaphthene	14.933	154	319687m	45.332	ng	
53) 3-Nitroaniline	14.774	138	74369	34.726	ng	93
54) 2,4-Dinitrophenol	14.980	184	90966	80.989	ng	88
55) Dibenzofuran	15.267	168	426598	39.113	ng	98
56) 4-Nitrophenol	15.079	139	144169	83.688	ng	# 75
57) 2,4-Dinitrotoluene	15.226	165	116365	45.599	ng	94
58) Fluorene	15.914	166	344217	41.087	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.491	232	89698	39.578	ng	94
60) Diethylphthalate	15.667	149	394761	41.565	ng	96
61) 4-Chlorophenyl-phenyle...	15.902	204	185998	40.576	ng	99
62) 4-Nitroaniline	15.937	138	93889	42.138	ng	# 67
63) Azobenzene	16.196	77	430438	39.152	ng	82
65) 4,6-Dinitro-2-methylph...	15.990	198	63937	39.577	ng	90
66) n-Nitrosodiphenylamine	16.114	169	314221	41.115	ng	98
67) 4-Bromophenyl-phenylether	16.795	248	113615	41.919	ng	97
68) Hexachlorobenzene	16.918	284	112981	41.942	ng	94
69) Atrazine	17.054	200	127358	42.304	ng	97
70) Pentachlorophenol	17.265	266	131727	71.833	ng	98
71) Phenanthrene	17.659	178	580585	40.962	ng	98
72) Anthracene	17.753	178	590869	41.952	ng	97
73) Carbazole	18.017	167	555652	39.584	ng	98
74) Di-n-butylphthalate	18.552	149	690586	41.921	ng	# 97
75) Fluoranthene	19.656	202	688721	39.530	ng	96
77) Benzidine	19.833	184	372995	52.586	ng	98
78) Pyrene	20.021	202	682206	43.937	ng	96
80) Butylbenzylphthalate	20.890	149	284376	43.300	ng	98
81) Benzo(a)anthracene	21.901	228	606392	41.876	ng	99
82) 3,3'-Dichlorobenzidine	21.807	252	176298	36.736	ng	# 98
83) Chrysene	21.971	228	586683	43.072	ng	96
84) Bis(2-ethylhexyl)phtha...	21.772	149	410577	43.998	ng	# 96
85) Di-n-octyl phthalate	23.052	149	697772	44.831	ng	97
87) Indeno(1,2,3-cd)pyrene	29.280	276	653572	43.863	ng	# 88
88) Benzo(b)fluoranthene	24.251	252	606625	46.302	ng	# 92
89) Benzo(k)fluoranthene	24.322	252	585172	45.401	ng	# 97
90) Benzo(a)pyrene	25.185	252	584240	52.448	ng	# 93
91) Dibenzo(a,h)anthracene	29.357	278	552038	44.793	ng	# 91
92) Benzo(g,h,i)perylene	30.526	276	549509	45.525	ng	# 91

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

